

FIG.2

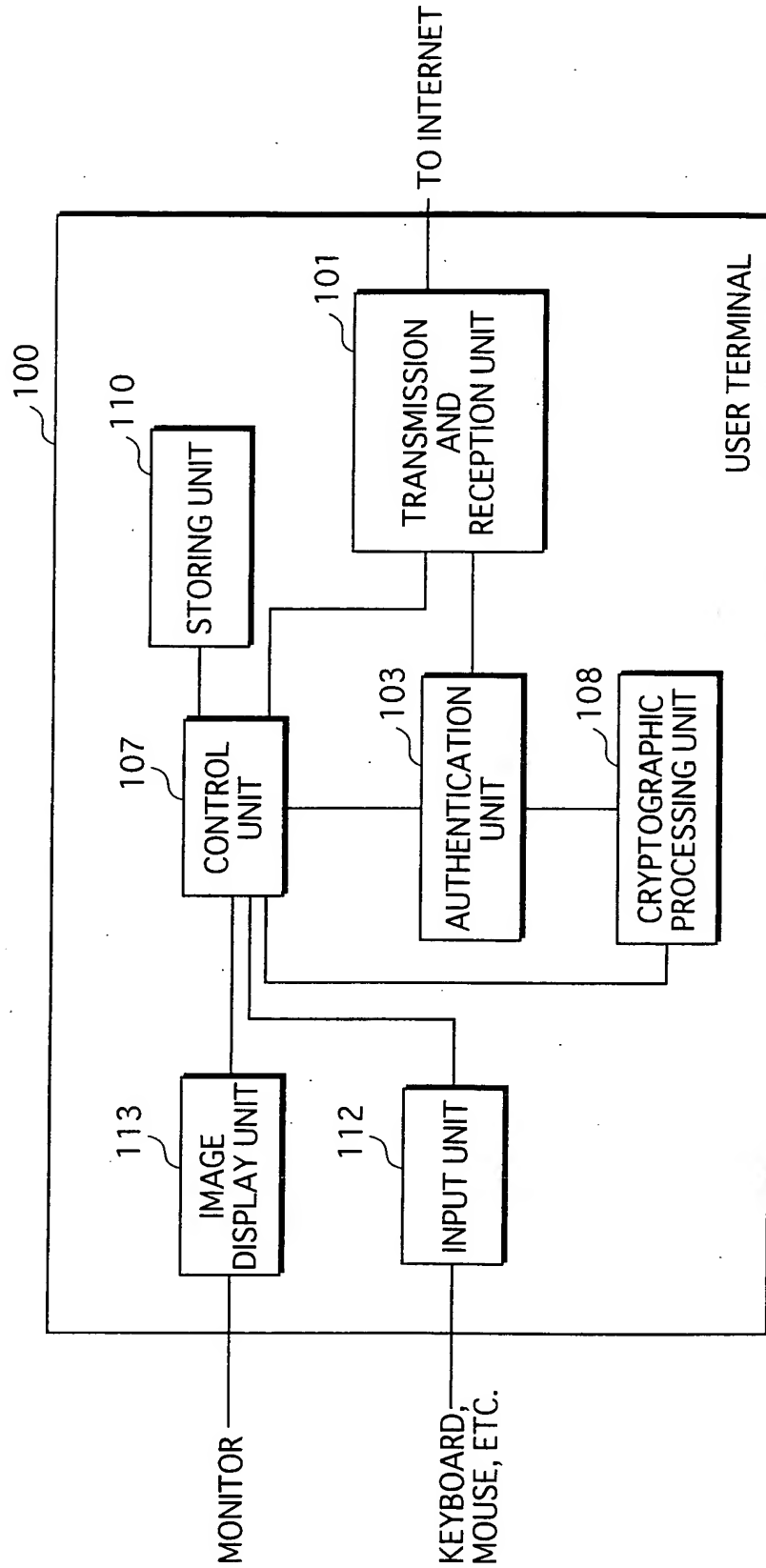
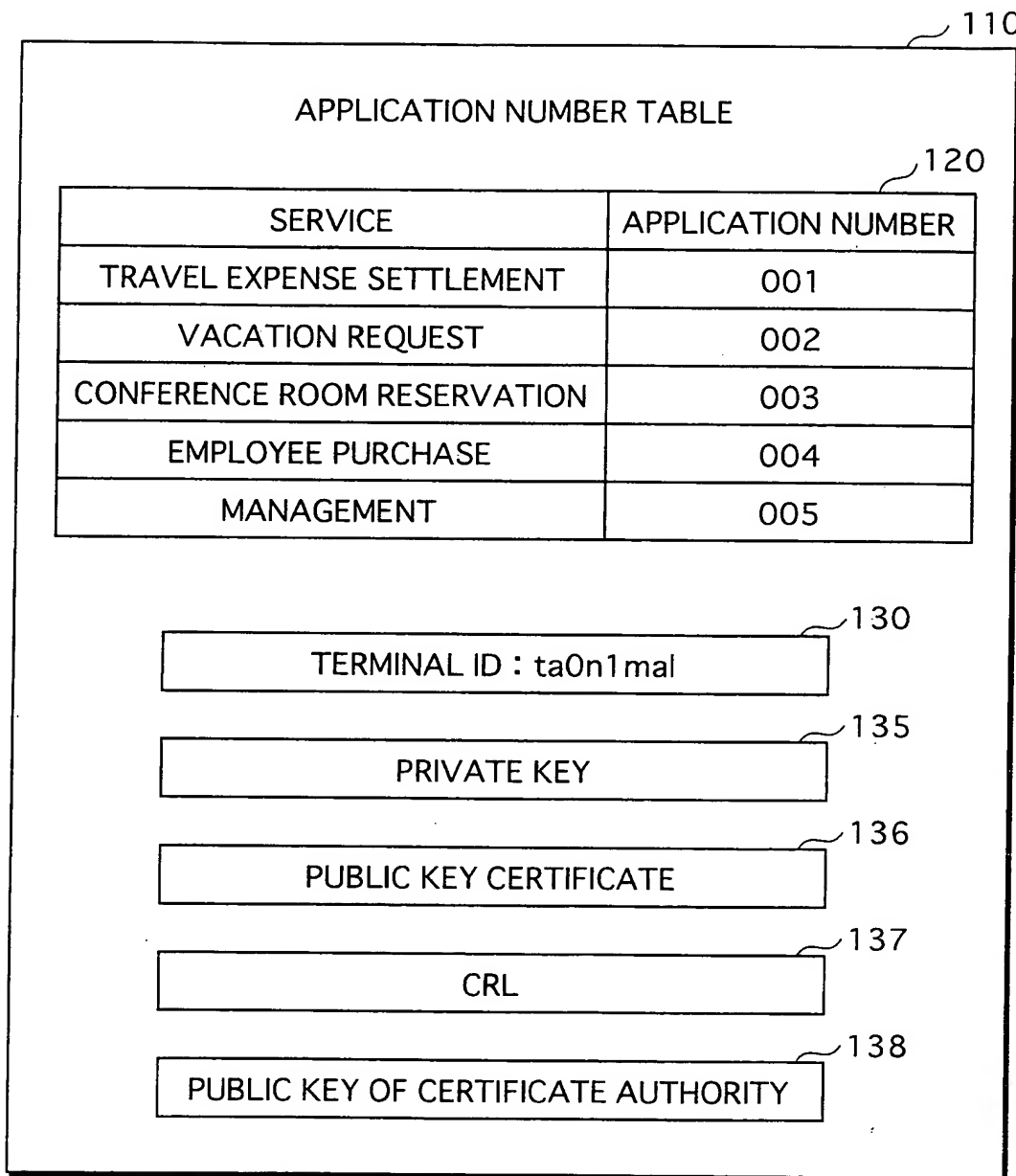
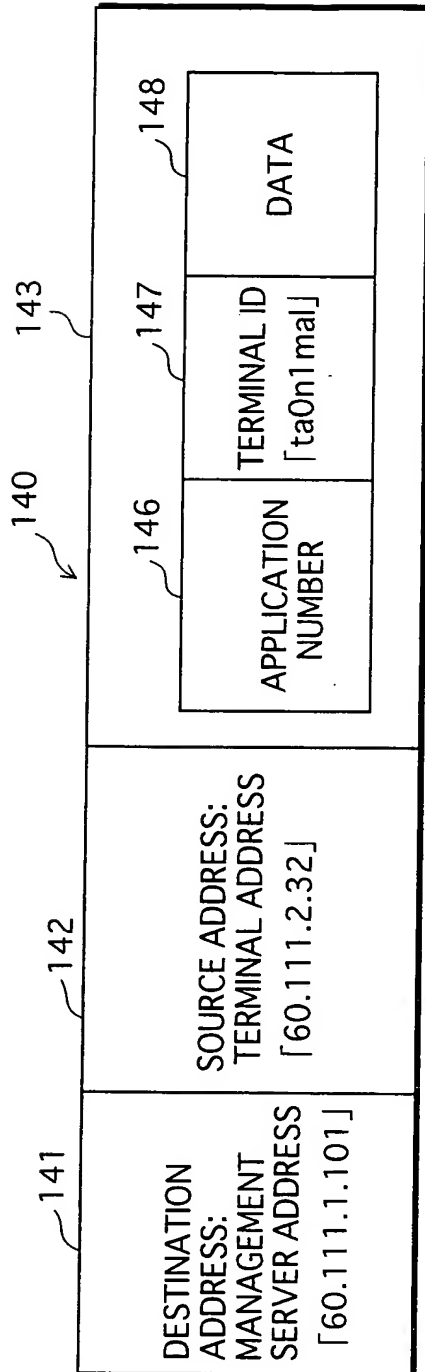


FIG.3



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FIG. 4



DATA 149

| | | | |
|-------------------|---------|-------|--------|
| △△△XX CORPORATION | | | |
| 2004.3.11 | | | |
| SUBWAY | FROM ○○ | TO △△ | XX YEN |
| BUS | FROM ○○ | TO XX | XX YEN |
| △△△ YEN | | | |

FIG.5

LOGIN SCREEN 151

USER ID 152

PASSWORD 153

154

SUBMIT

MENU SCREEN 161

USER ID: maeda

USER NAME: HIROKO MAEDA

APPLICATION

TRAVEL EXPENSE SETTLEMENT 162

VACATION REQUEST 163

CONFERENCE ROOM RESERVATION 164

EMPLOYEE PURCHASE 165

MANAGEMENT MENU

PASSWORD CHANGE 166

FIG.6

EXPENSE SETTLEMENT SCREEN

171

USER ID: maeda USER NAME: HIROKO MAEDA

● FILL IN THE BLANKS AND PRESS THE SUBMIT BUTTON.

DESTINATION

DATE YEAR MONTH DAY

MEANS OF TRANSPORTATION

| <input type="text"/> | : | FROM | <input type="text"/> | TO | <input type="text"/> | : | <input type="text"/> | : | |
|----------------------|---|------|----------------------|----|----------------------|---|----------------------|---|--|
| <input type="text"/> | : | FROM | <input type="text"/> | TO | <input type="text"/> | : | <input type="text"/> | : | |
| <input type="text"/> | : | FROM | <input type="text"/> | TO | <input type="text"/> | : | <input type="text"/> | : | |

COST

TOTAL

173

EXPENSE SETTLEMENT END SCREEN

181

USER ID: maeda USER NAME: HIROKO MAEDA

EXPENSE SETTLEMENT FINISHED SUCCESSFULLY.

182

183

FIG.7

PASSWORD CHANGE SCREEN

191

USER ID: maeda

USER NAME: HIROKO MAEDA

FILL IN ALL THE BLANKS AND PRESS THE SUBMIT BUTTON.

CURRENT PASSWORD

192

NEW PASSWORD

193

ENTER NEW PASSWORD AGAIN

194

SUBMIT

196

CHANGE COMPLETION SCREEN

301

USER ID: maeda

USER NAME: HIROKO MAEDA

PASSWORD CHANGE FINISHED SUCCESSFULLY.

TO MENU

LOG OUT

302

303

FIG.8

CHANGE FAILURE SCREEN

311

USER ID: maeda

USER NAME: HIROKO MAEDA

PASSWORD CHANGE FAILED.

PASSWORD IS NOT CHANGED.

312
TO MENU

313
LOG OUT

FORCIBLE TERMINATION SCREEN

321

USER ID: maeda

USER NAME: HIROKO MAEDA

SYSTEM ERROR HAS OCCURRED.

THE PROGRAM WILL BE SHUT DOWN.

FIG.9

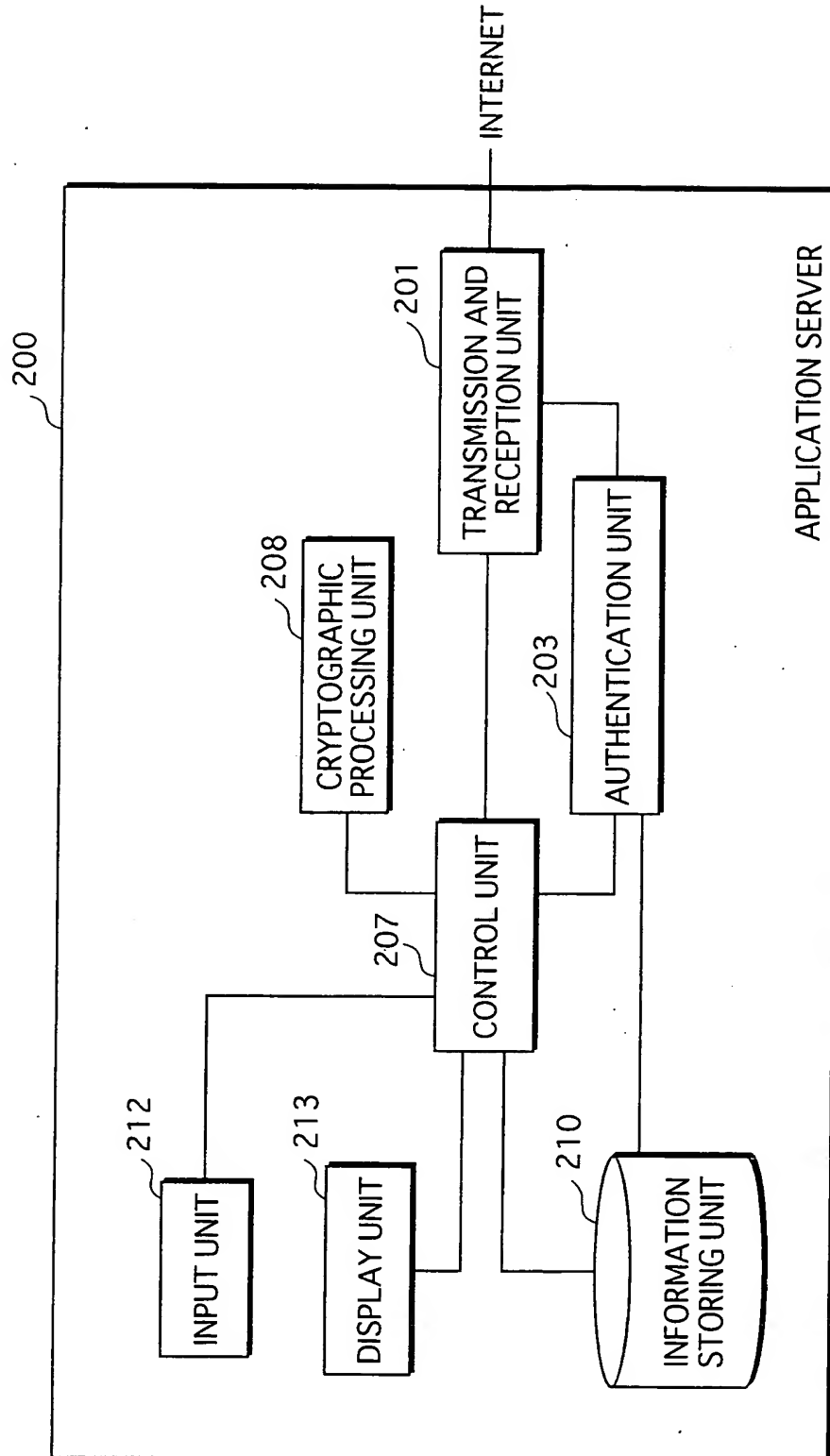


FIG.10

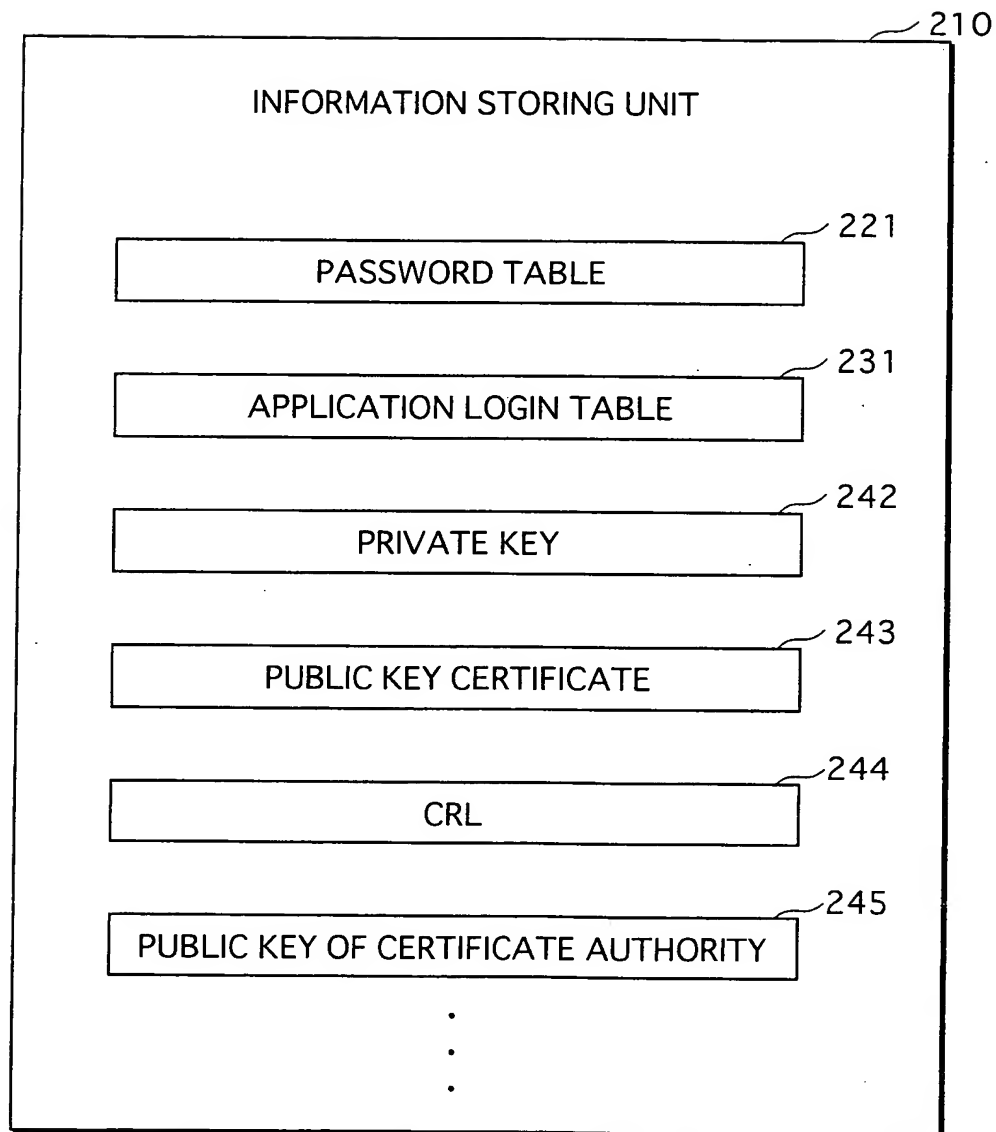


FIG.11

PASSWORD TABLE

221

| | USER ID | USER NAME | PASSWORD |
|-------|----------|-------------------|----------|
| 223 ~ | maeda | HIROKO MAEDA | ozy12 |
| 224 ~ | nakamura | JYUNICHI NAKAMURA | klmoj |
| 225 ~ | suzuki | YUKA SUZUKI | spr01 |
| | ⋮ | ⋮ | ⋮ |

FIG.12

APPLICATION LOGIN TABLE

231

| USER ID | USER NAME | PASSWORD | TERMINAL ID |
|-------------|---------------|----------|-------------|
| 232 ~ maeda | HIROKO MAEDA | ozy12 | ta0n1mal |
| 233 ~ inoue | HIROSHI INOUE | zz445 | tzn1pps |
| • | • | • | • |
| • | • | • | • |
| • | • | • | • |

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FIG.13

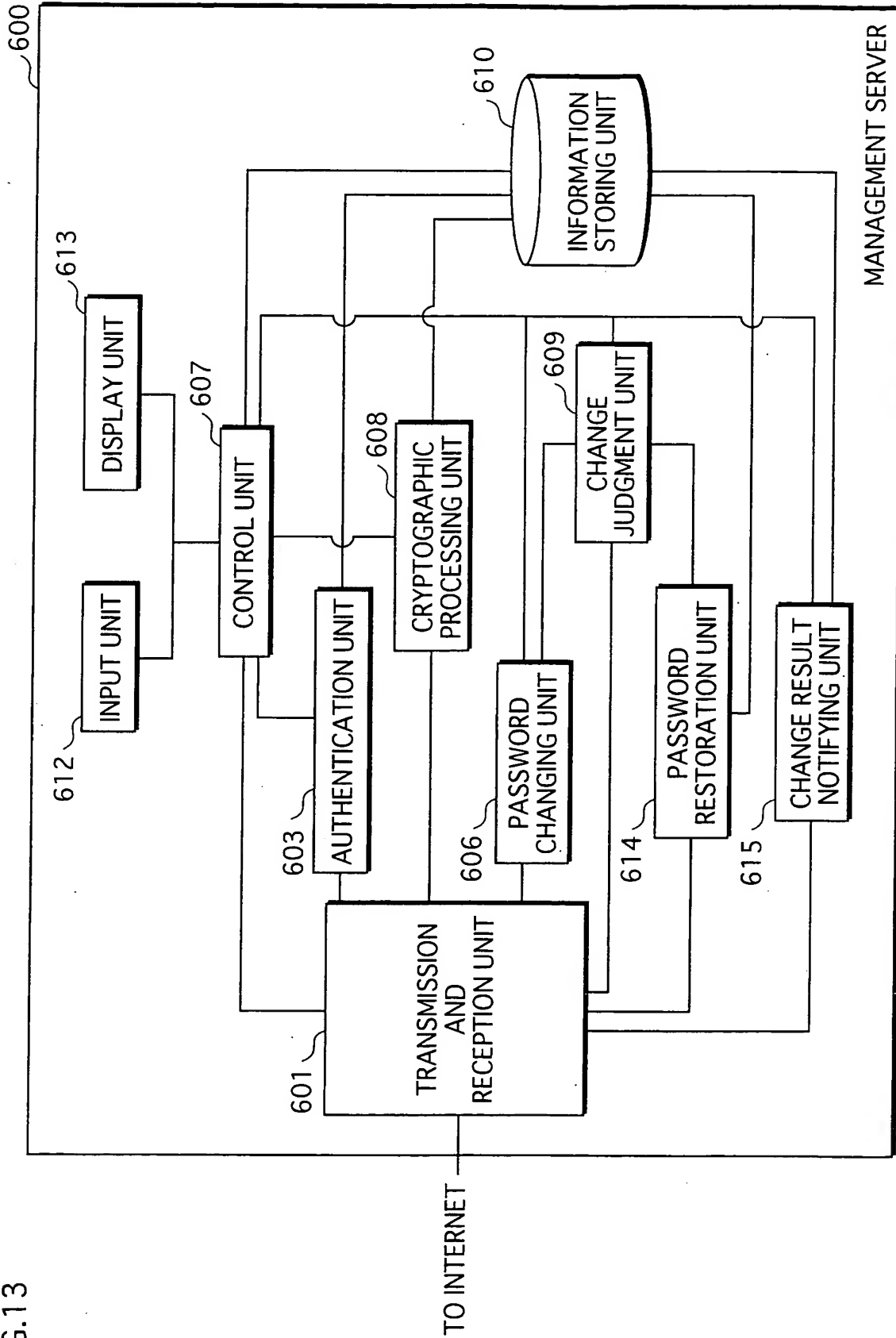
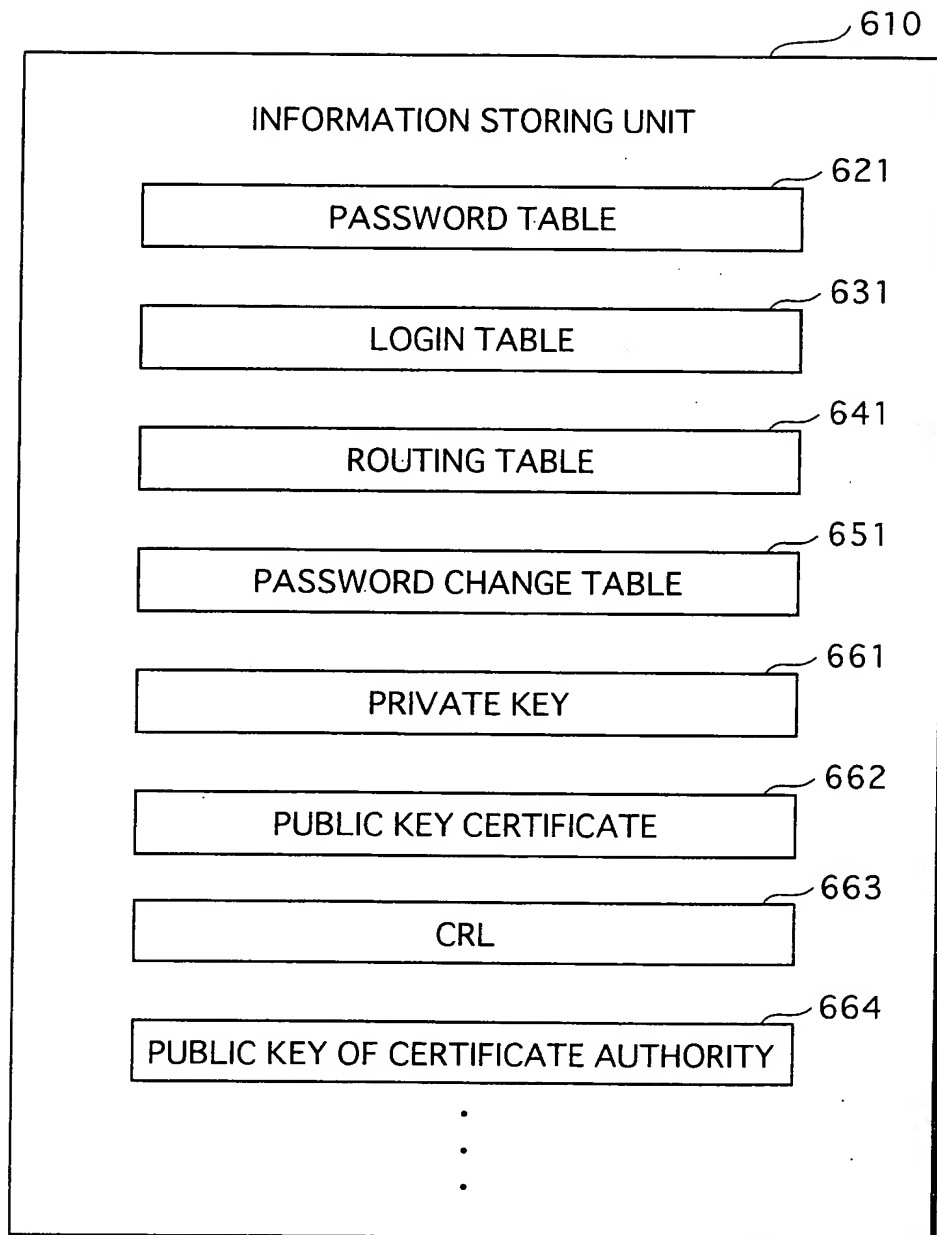


FIG.14



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FIG.15

LOGIN TABLE

631

| USER ID | USER NAME | PASSWORD | TERMINAL ID | PROCESSING STATUS |
|---------|-----------|----------|-------------|-------------------|
| maeda | MAEDA | ozy12 | ta0n1mal | CHANGING PASSWORD |
| suzuki | SUZUKI | spr01 | tz00mni | NORMAL |
| inoue | INOUE | zz445 | tzn1pps | NORMAL |
| . | . | . | . | . |
| . | . | . | . | . |

632

633

634

FIG.16

ROUTING TABLE

641

| APPLICATION NUMBER | HOST NAME | IP ADDRESS | PORT NUMBER |
|-----------------------|-----------|-------------|-------------|
| 642 ~ 001 | system1 | 60.111.1.15 | 8000 |
| 643 ~ 002 | system2 | 60.111.1.20 | 8001 |
| · | · | · | · |
| · | · | · | · |
| · | · | · | · |

FIG.17

651

| | USER ID | CURRENT PASSWORD | NEW PASSWORD |
|-------------|-------------|---------------------|--------------|
| 652 ~ | maeda | ozy12 | nwy56 |
| 653 ~ | nakamura | klmOj | 42try |
| 654 ~ | suzuki | spr01 | iksu7 |
| • • • | • • • | • • • | • • • |
| | inoue | zz445 | jty53 |

FIG.18

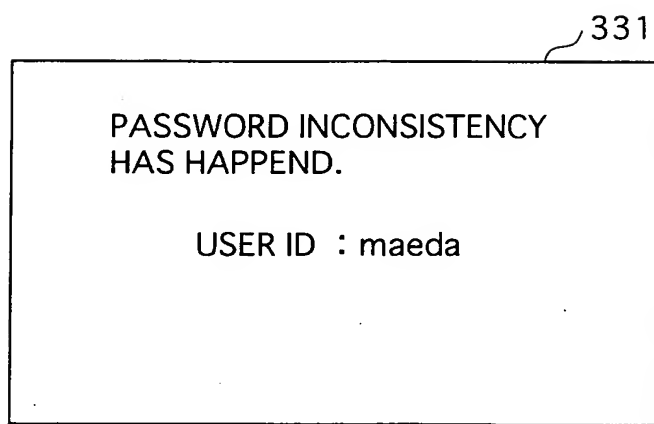


FIG.19

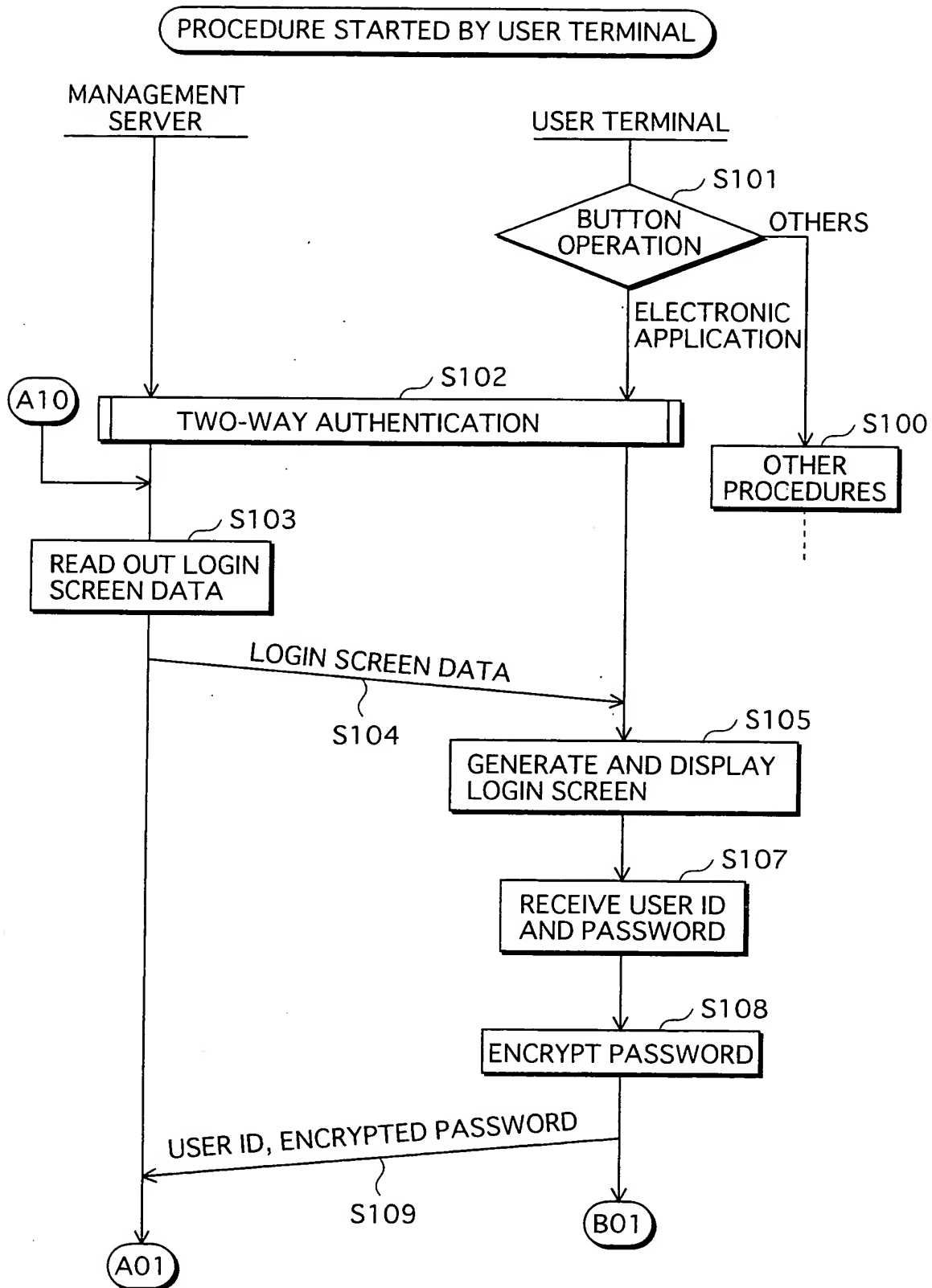
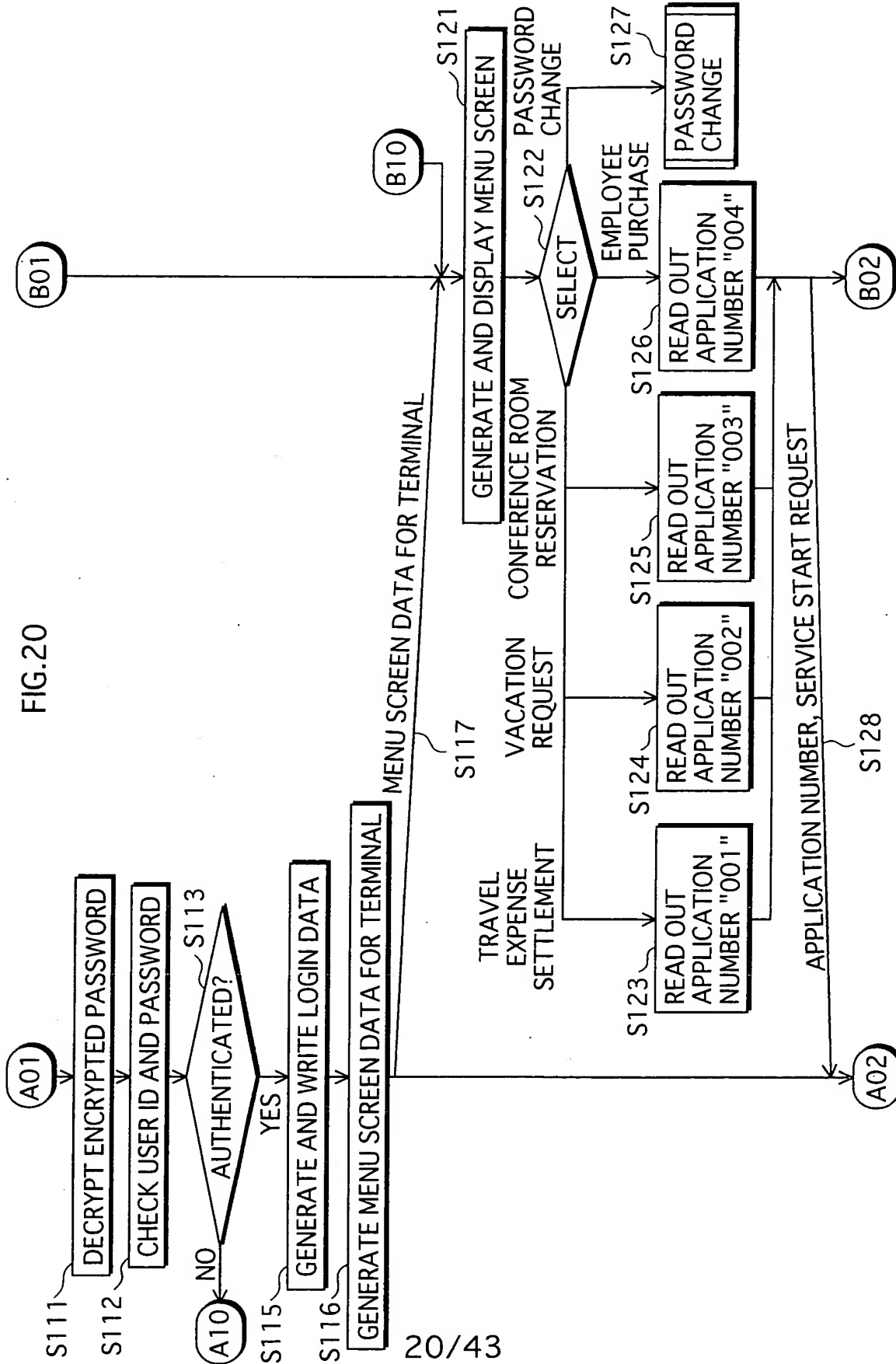


FIG. 20



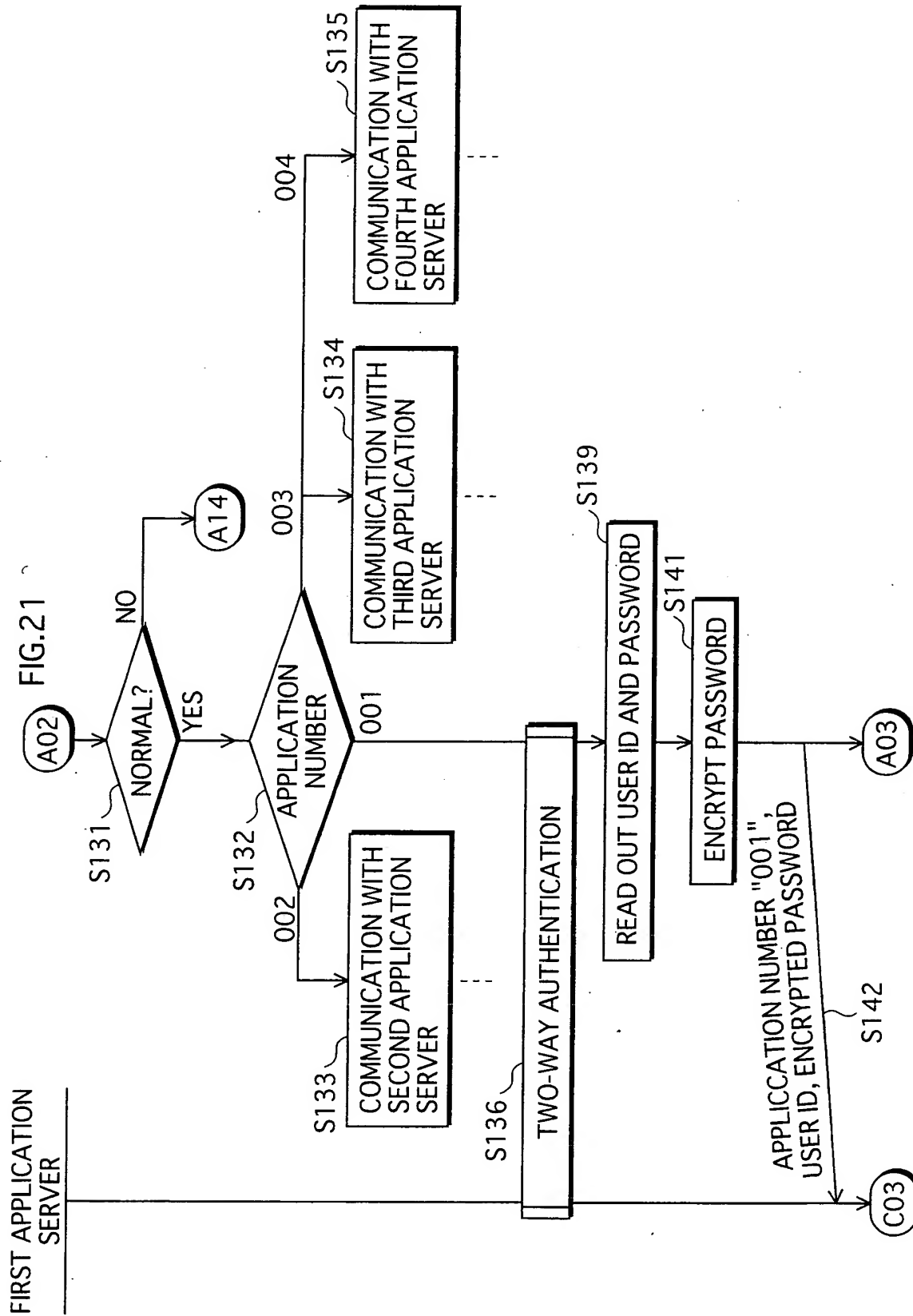
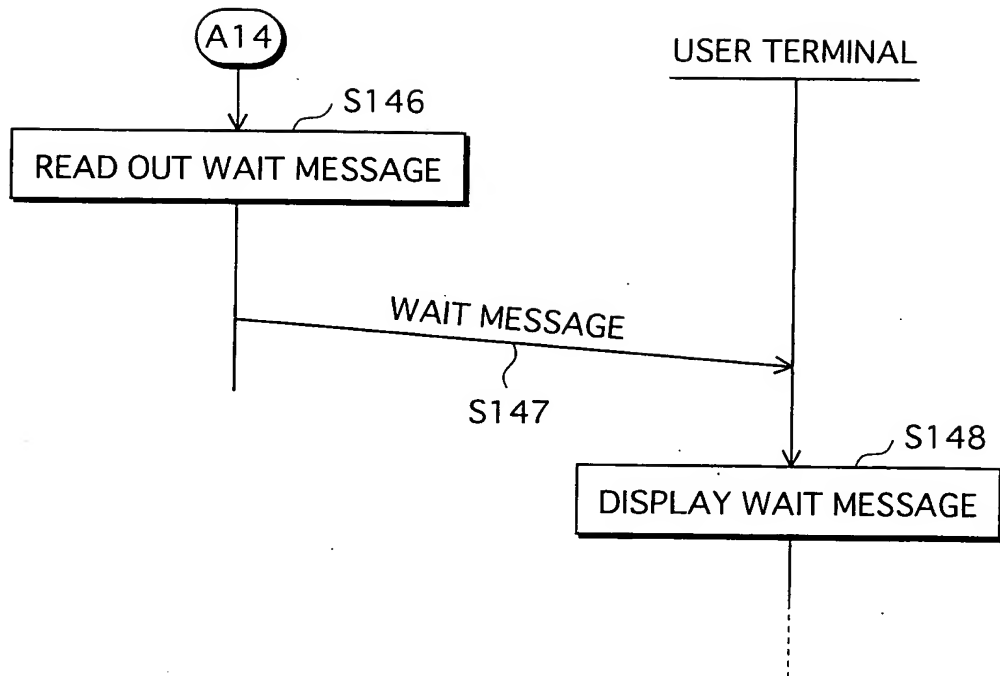


FIG.22



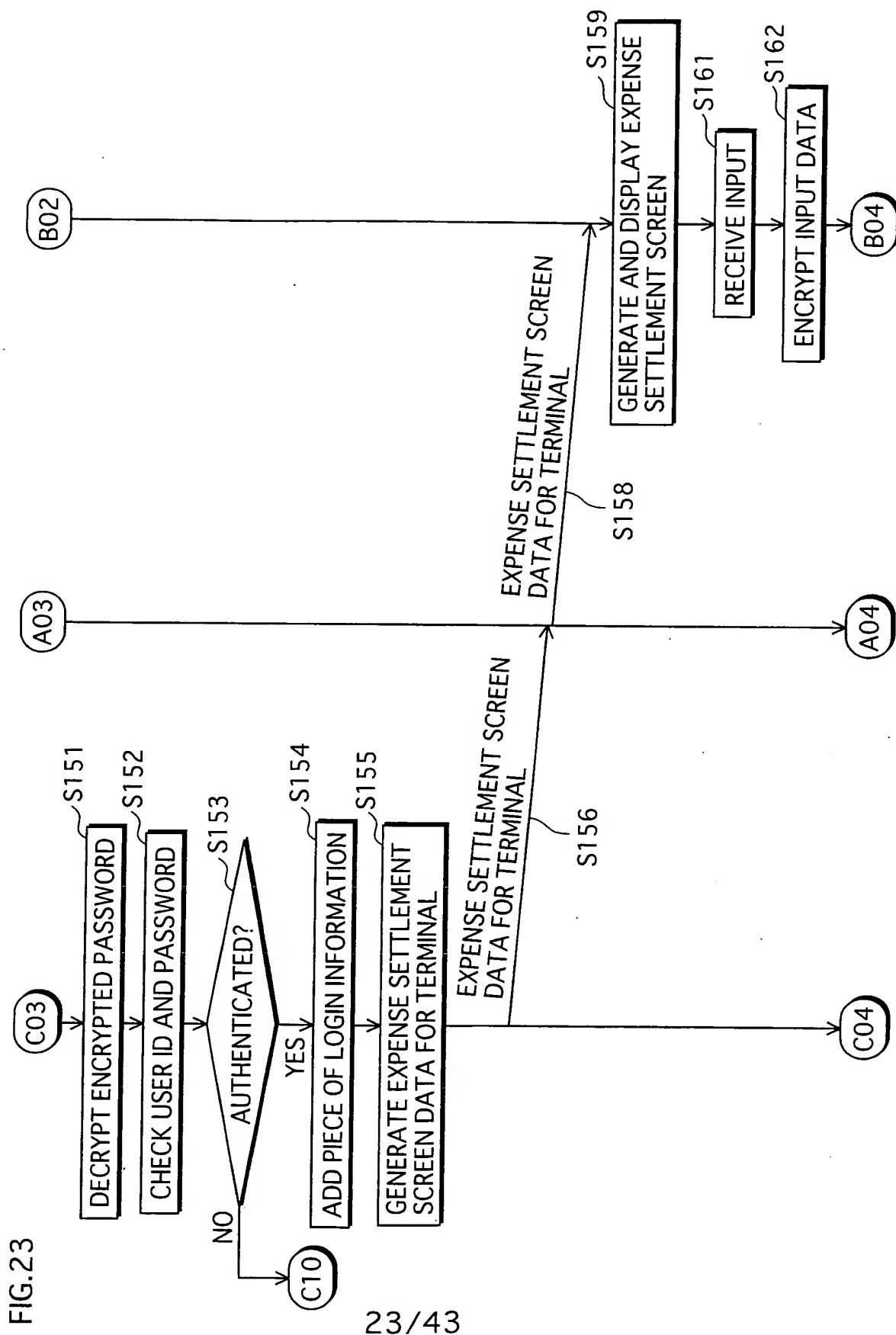


FIG. 24

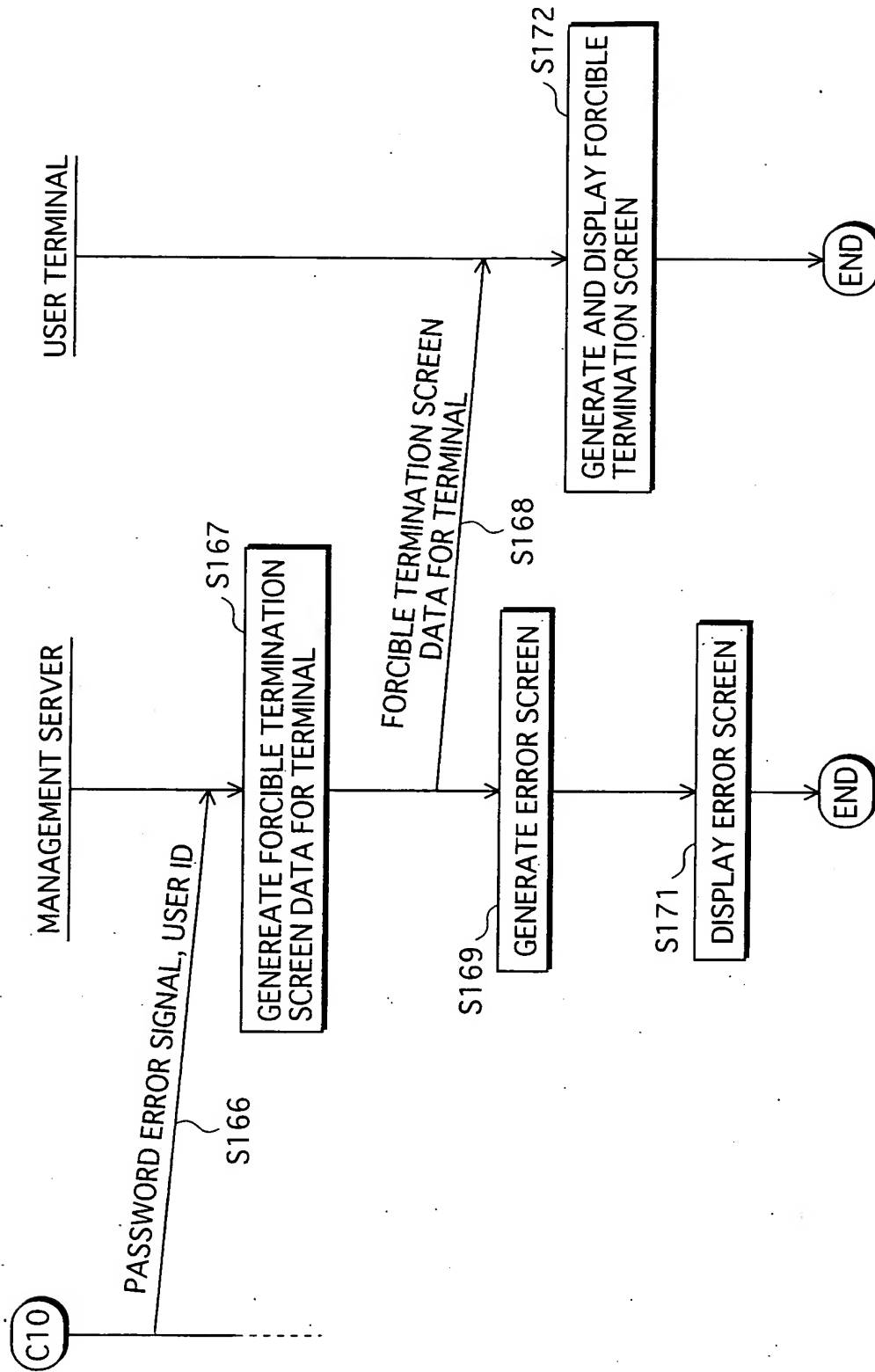


FIG.25

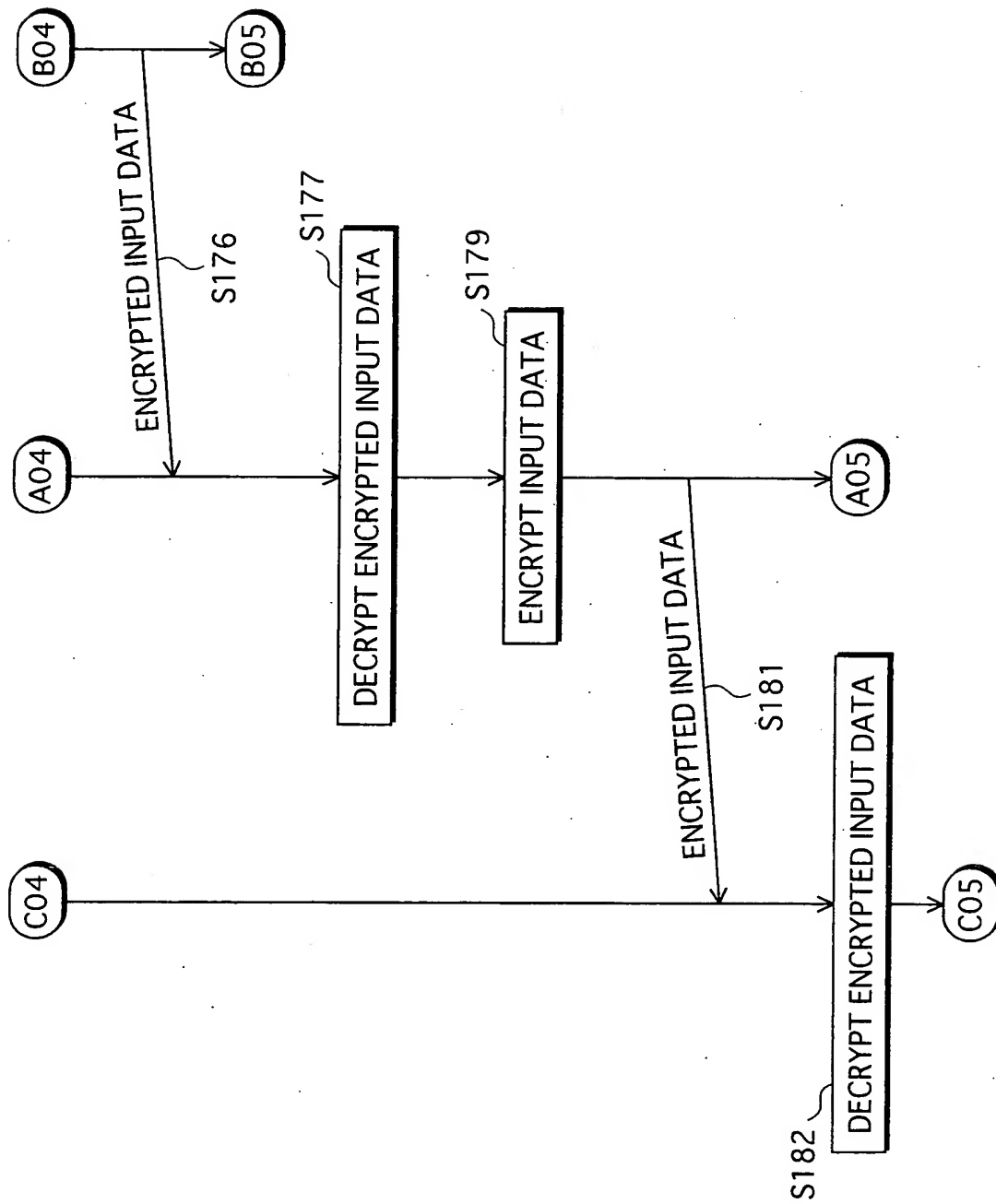


FIG. 26

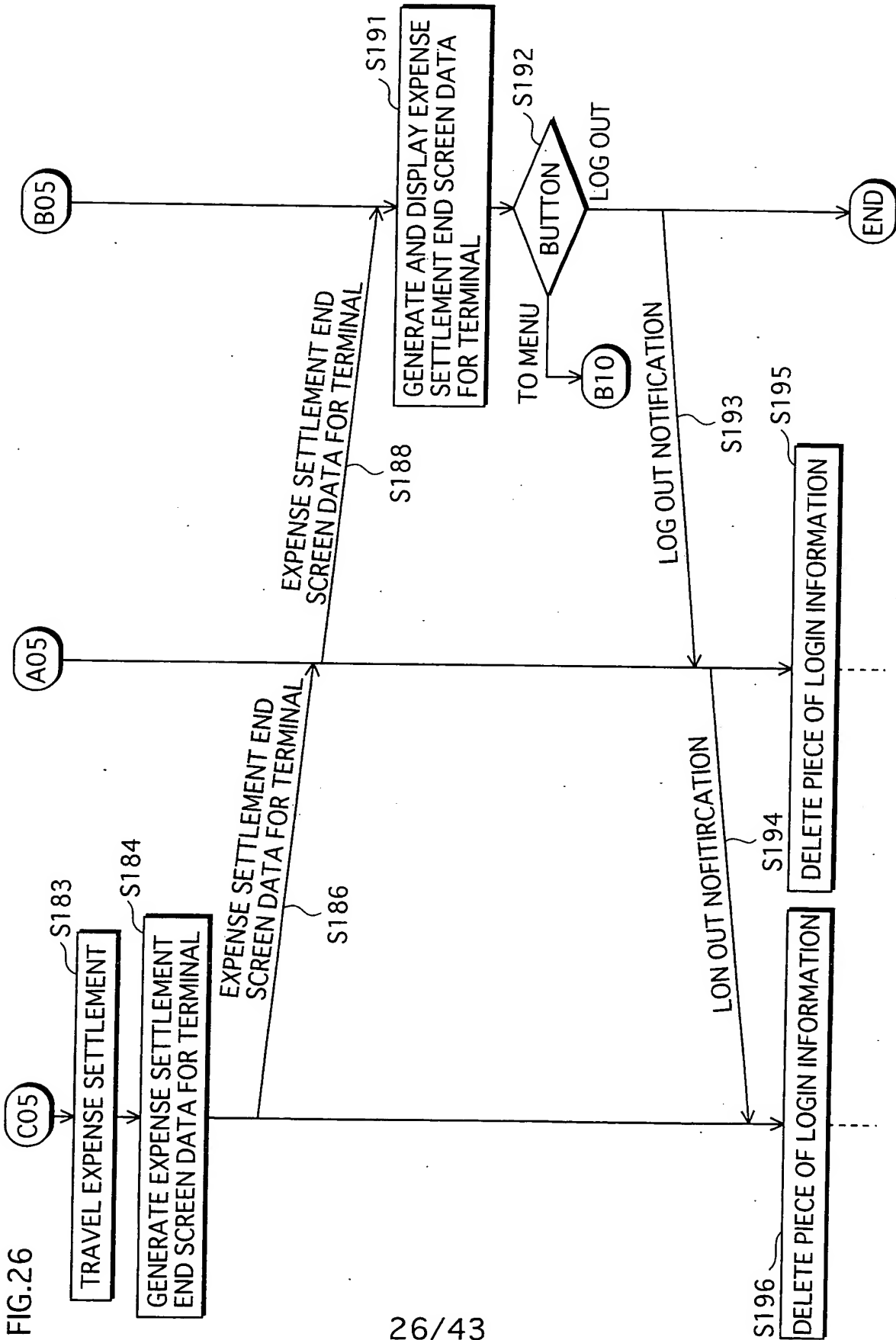


FIG.27

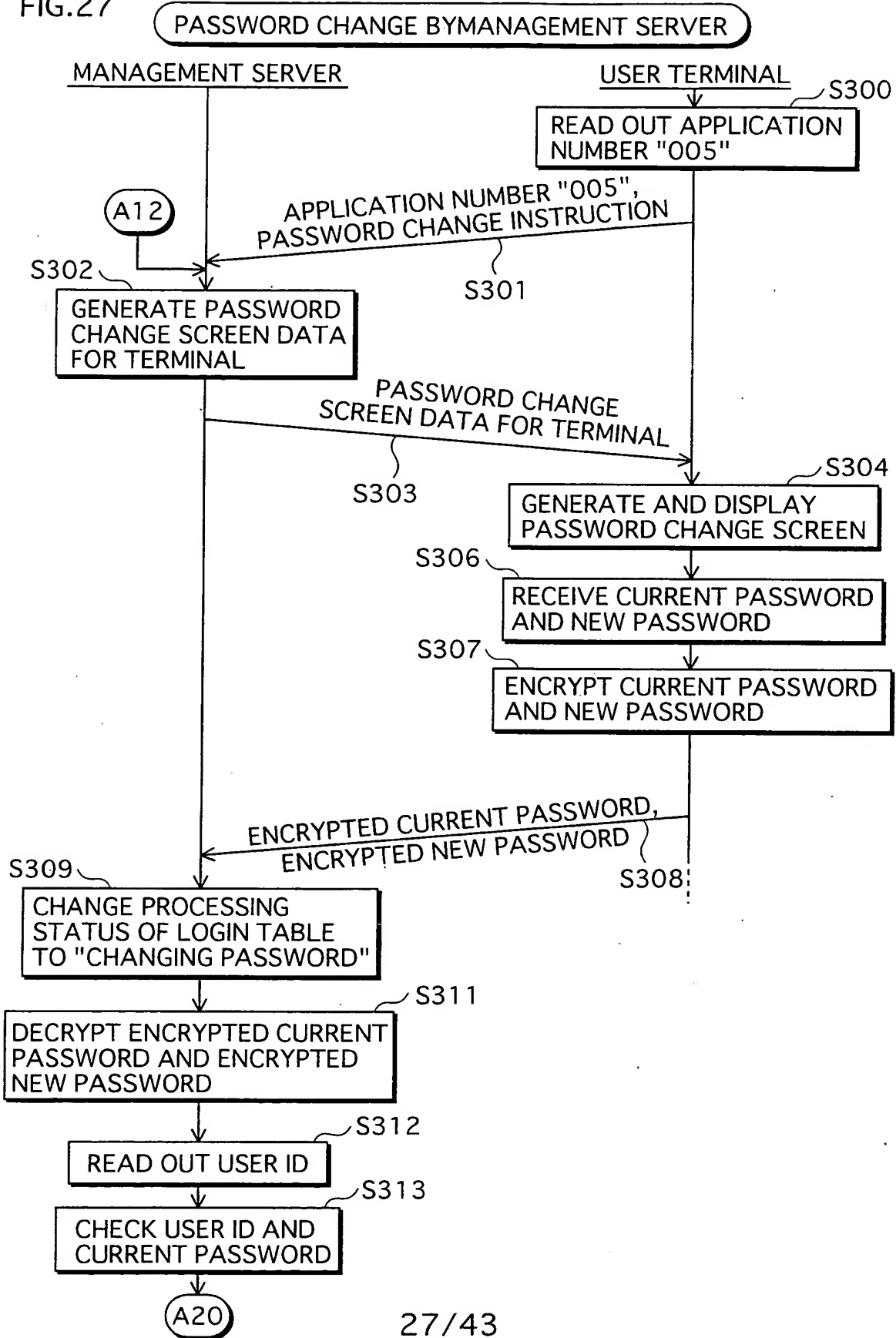


FIG.28

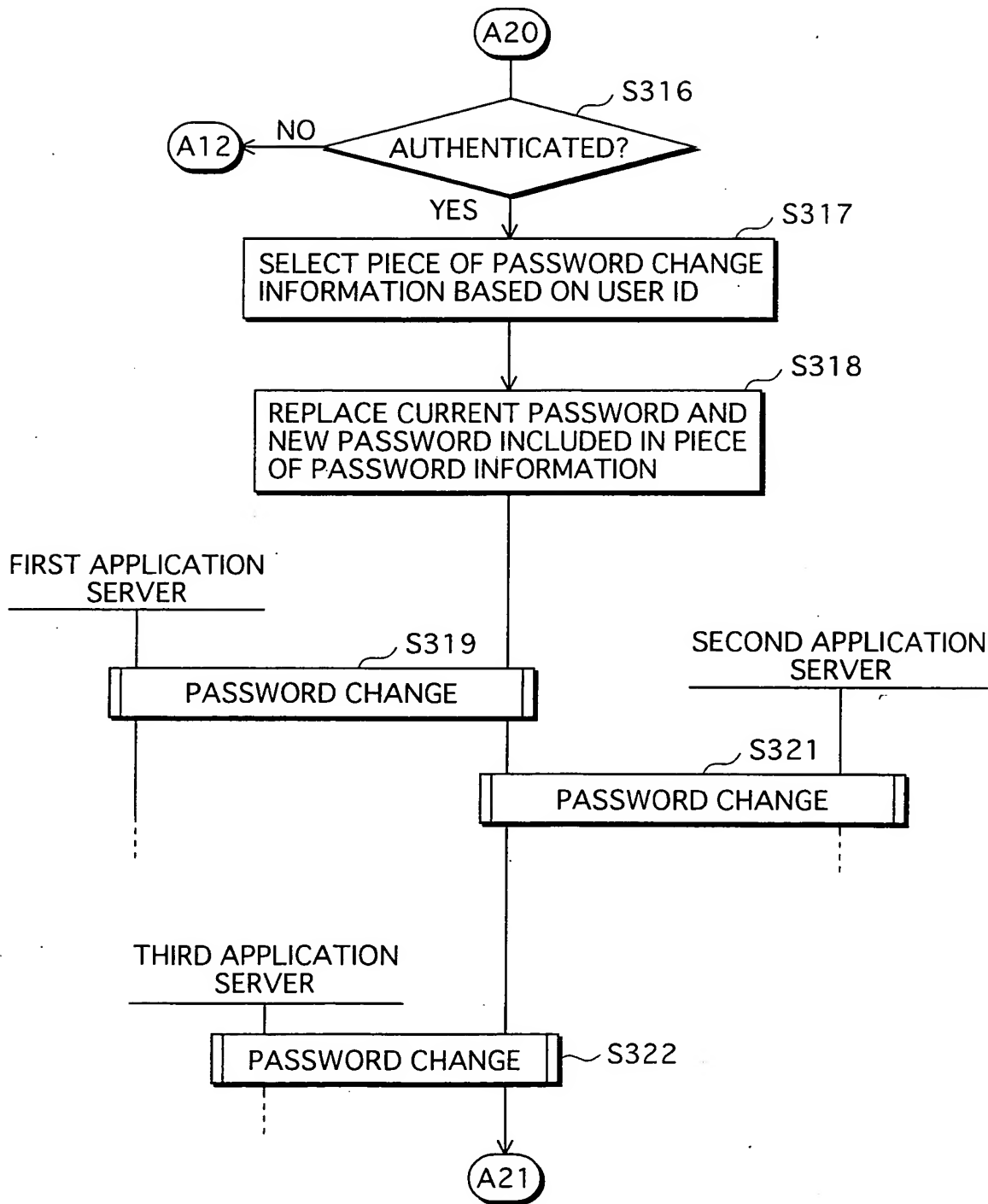


FIG.29

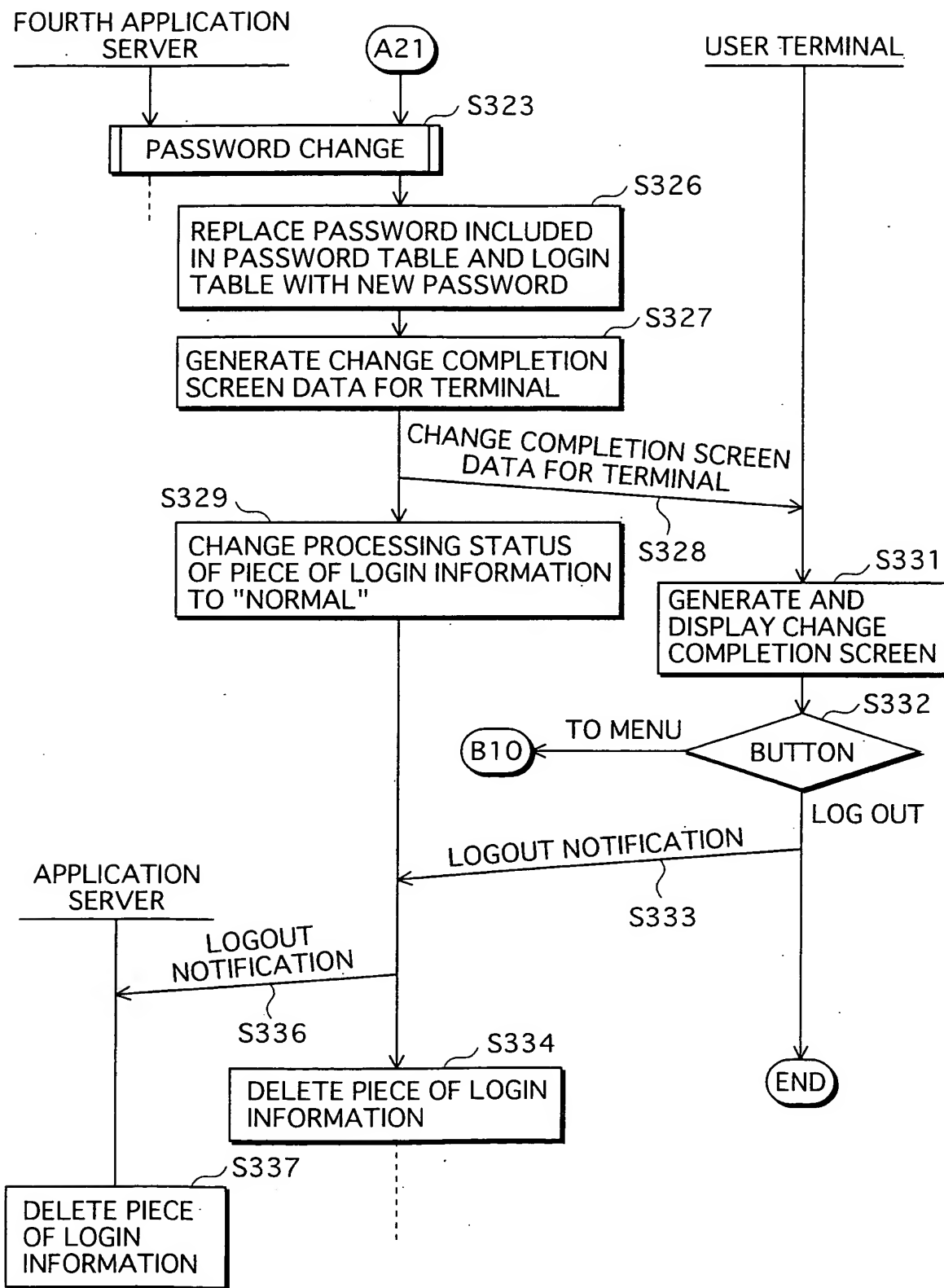


FIG.30

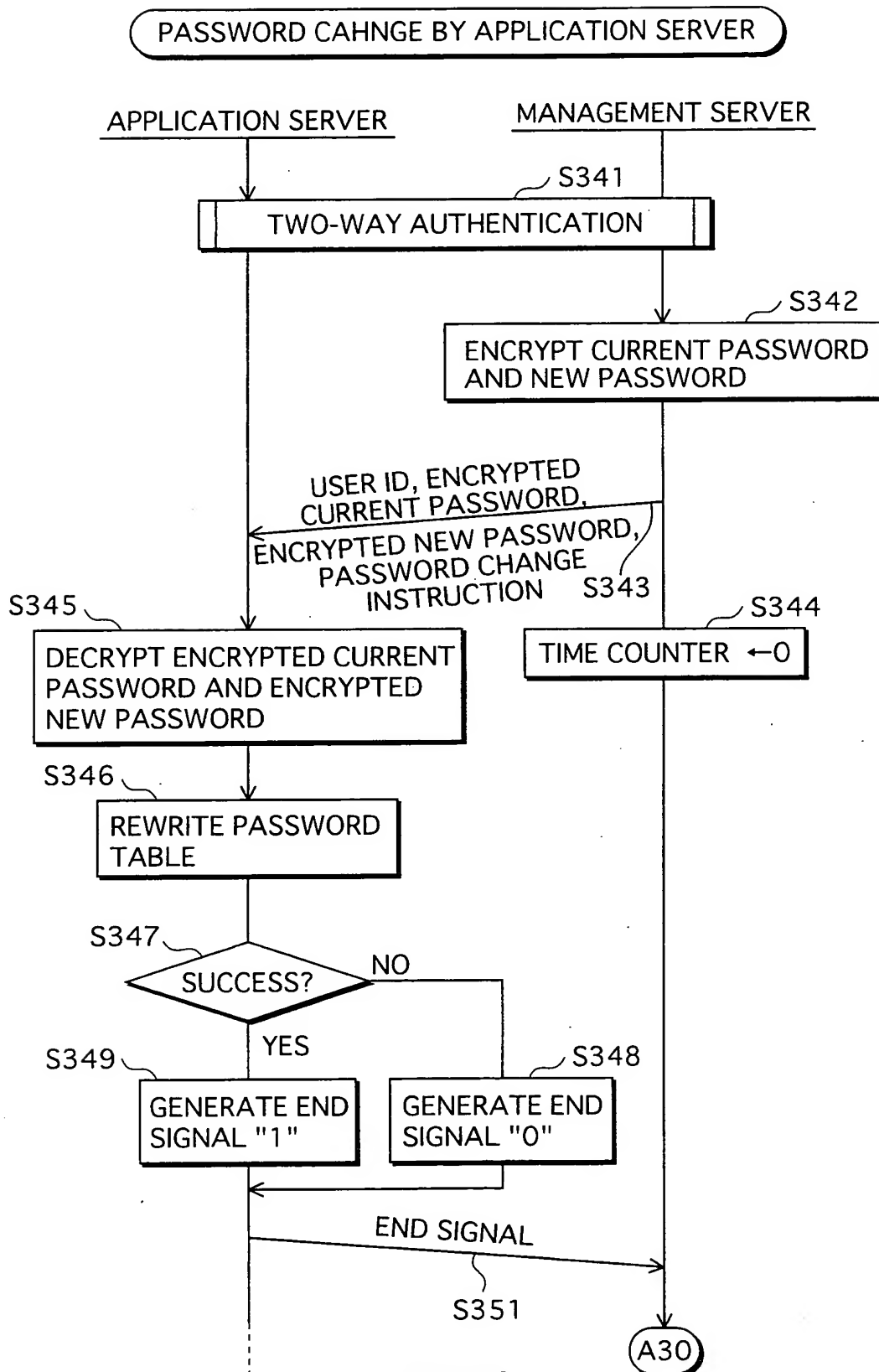
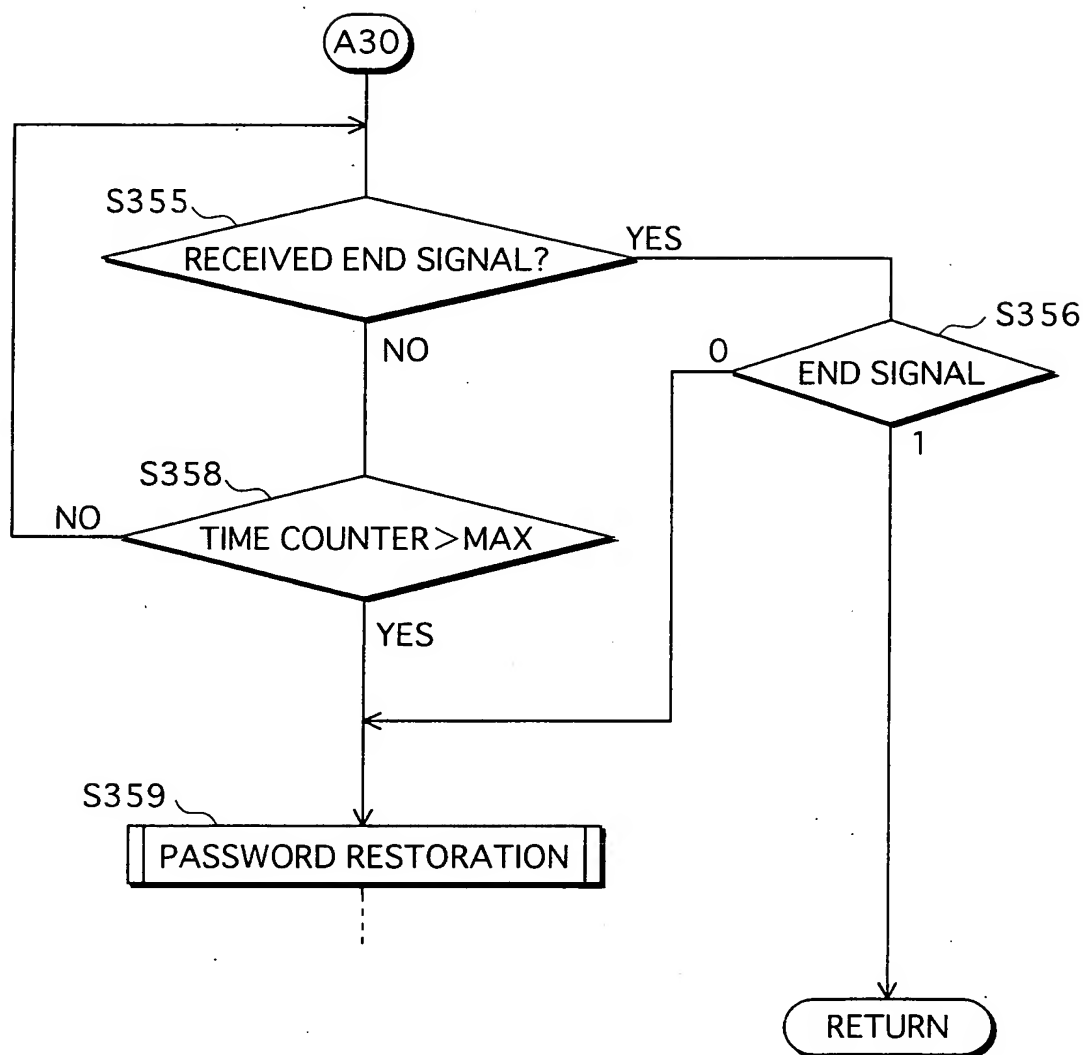


FIG.31



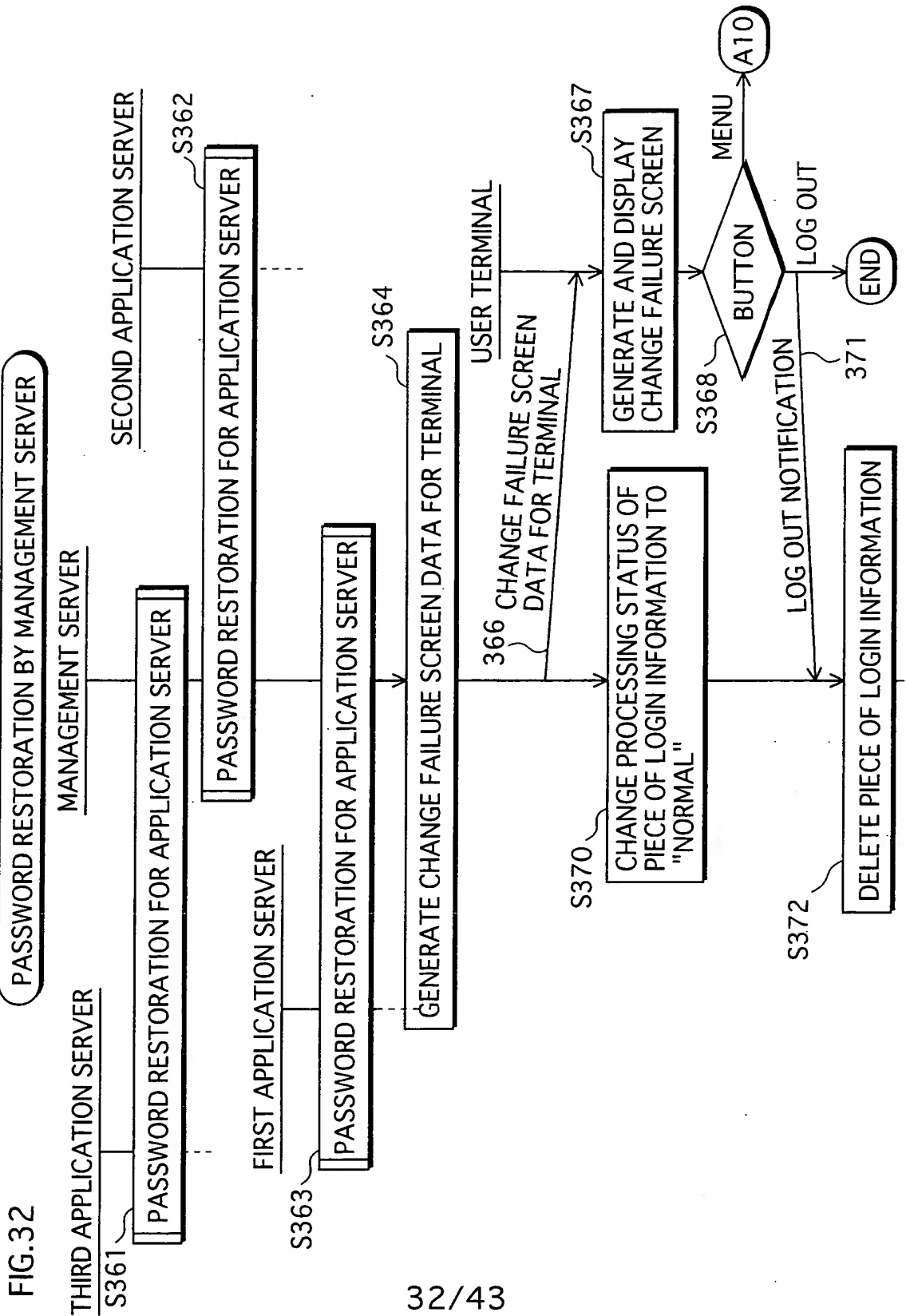


FIG.33

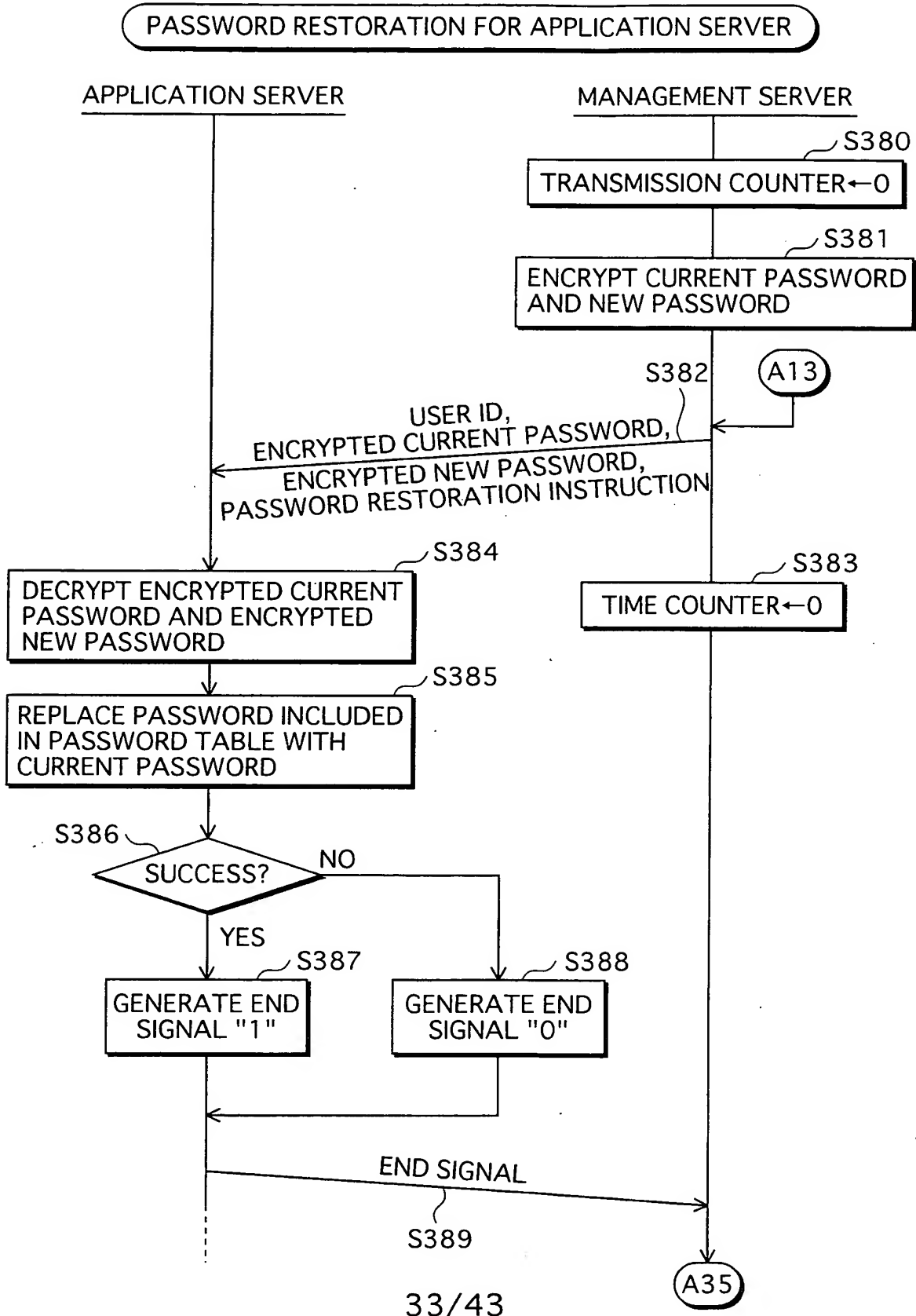


FIG.34

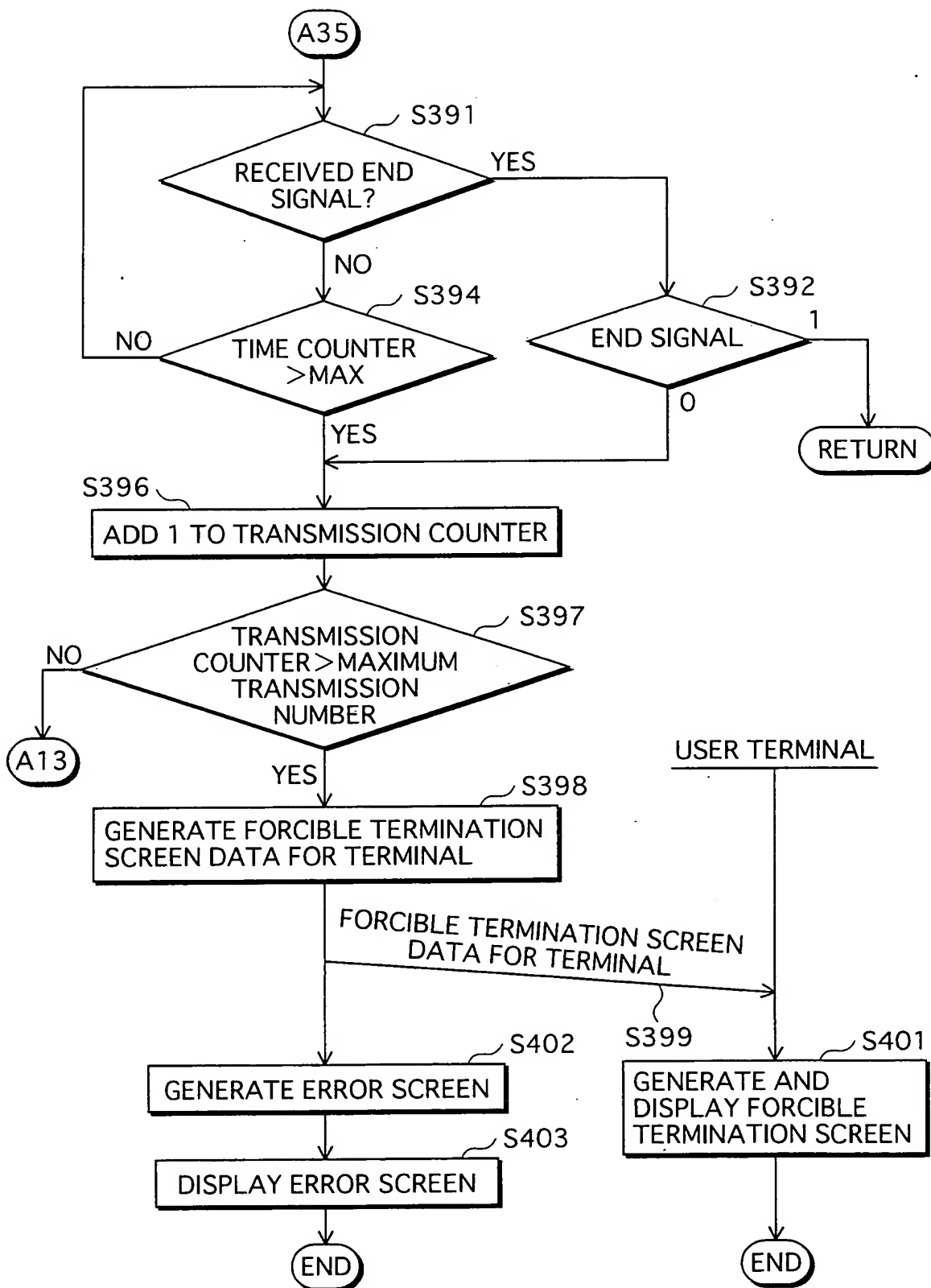


FIG.35

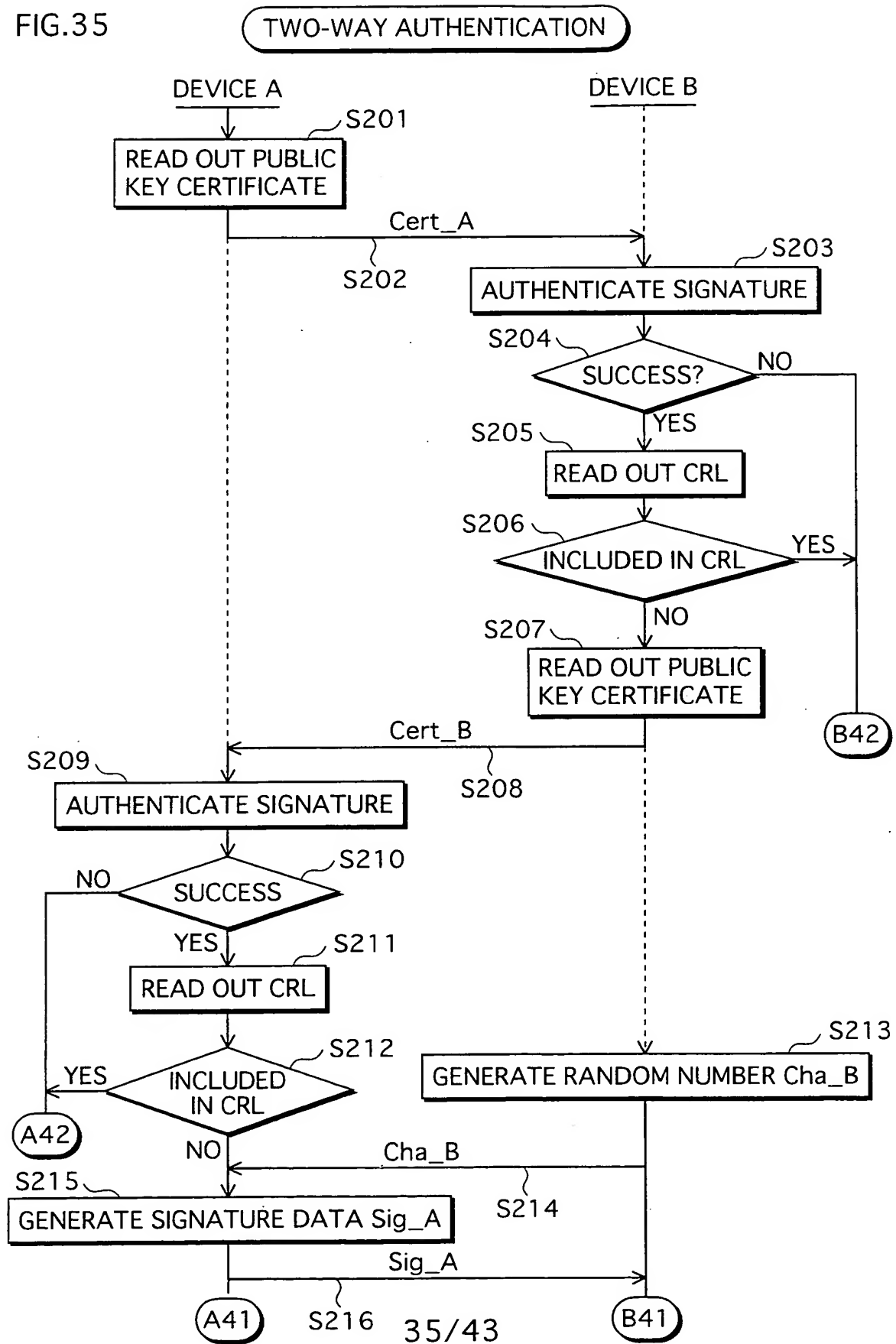


FIG.36

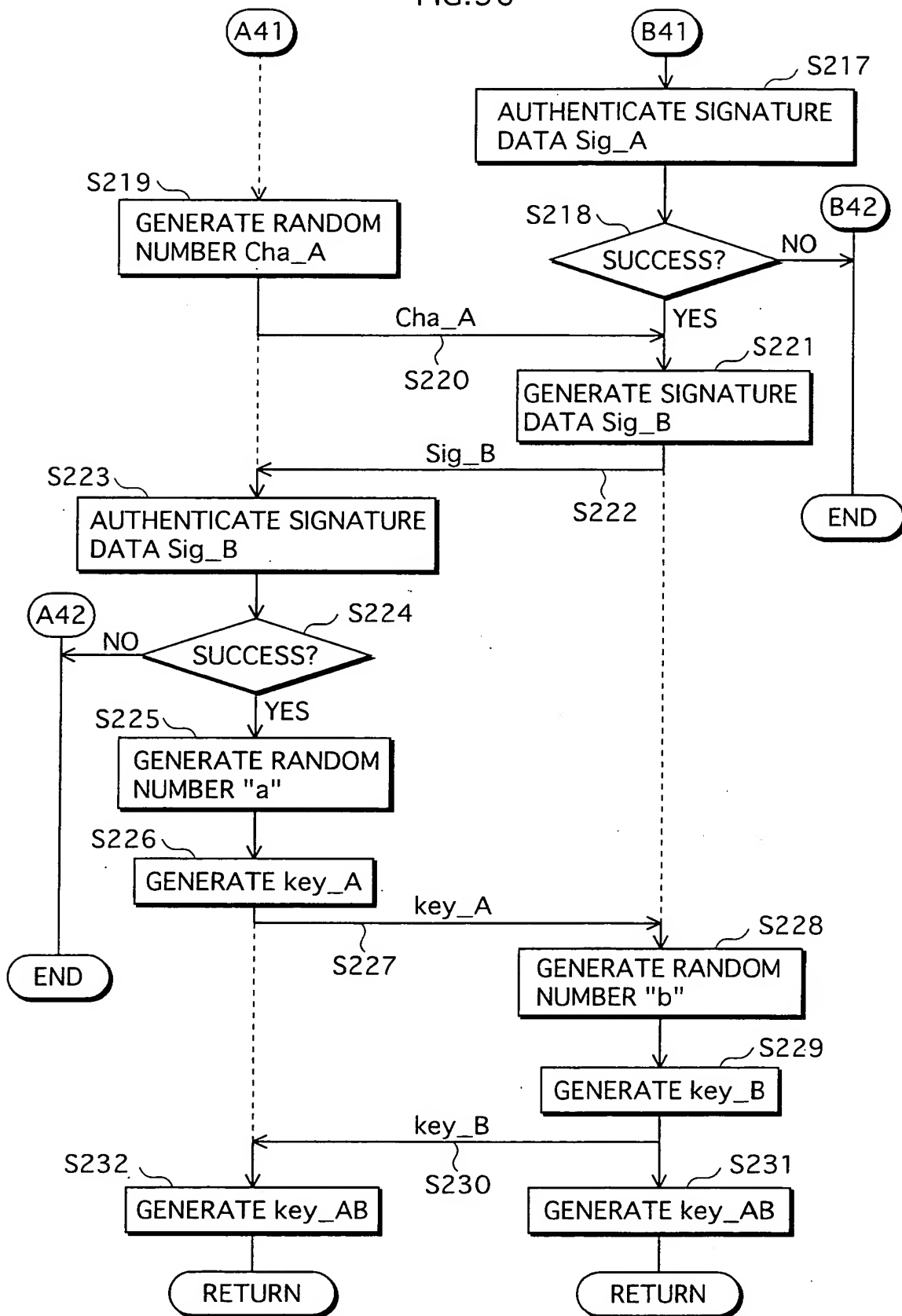


FIG.37A

| APPLICATION SERVER NAME | FIRST APPLCIATION SERVER | SECOND APPLICATION SERVER | THIRD APPLICATION SERVER | FOURTH APPLICATION SERVER |
|----------------------------|--------------------------------|---------------------------------|--------------------------------|---------------------------------|
| PASSWORD | ozy12 | ozy12 | ozy12 | ozy12 |

FIG.37B

| APPLICATION SERVER NAME | FIRST APPLCIATION SERVER | SECOND APPLICATION SERVER | THIRD APPLICATION SERVER | FOURTH APPLICATION SERVER |
|----------------------------|--------------------------------|---------------------------------|--------------------------------|---------------------------------|
| PASSWORD | nwy56 | nwy56 | ozy12 | ozy12 |

FIG.37C

| APPLICATION SERVER NAME | FIRST APPLCIATION SERVER | SECOND APPLICATION SERVER | THIRD APPLICATION SERVER | FOURTH APPLICATION SERVER |
|----------------------------|--------------------------------|---------------------------------|--------------------------------|---------------------------------|
| PASSWORD | ozy12 | ozy12 | ozy12 | ozy12 |

FIG.37D

| APPLICATION SERVER NAME | FIRST APPLCIATION SERVER | SECOND APPLICATION SERVER | THIRD APPLICATION SERVER | FOURTH APPLICATION SERVER |
|----------------------------|--------------------------------|---------------------------------|--------------------------------|---------------------------------|
| PASSWORD | nwy56 | nwy56 | nwy56 | nwy56 |

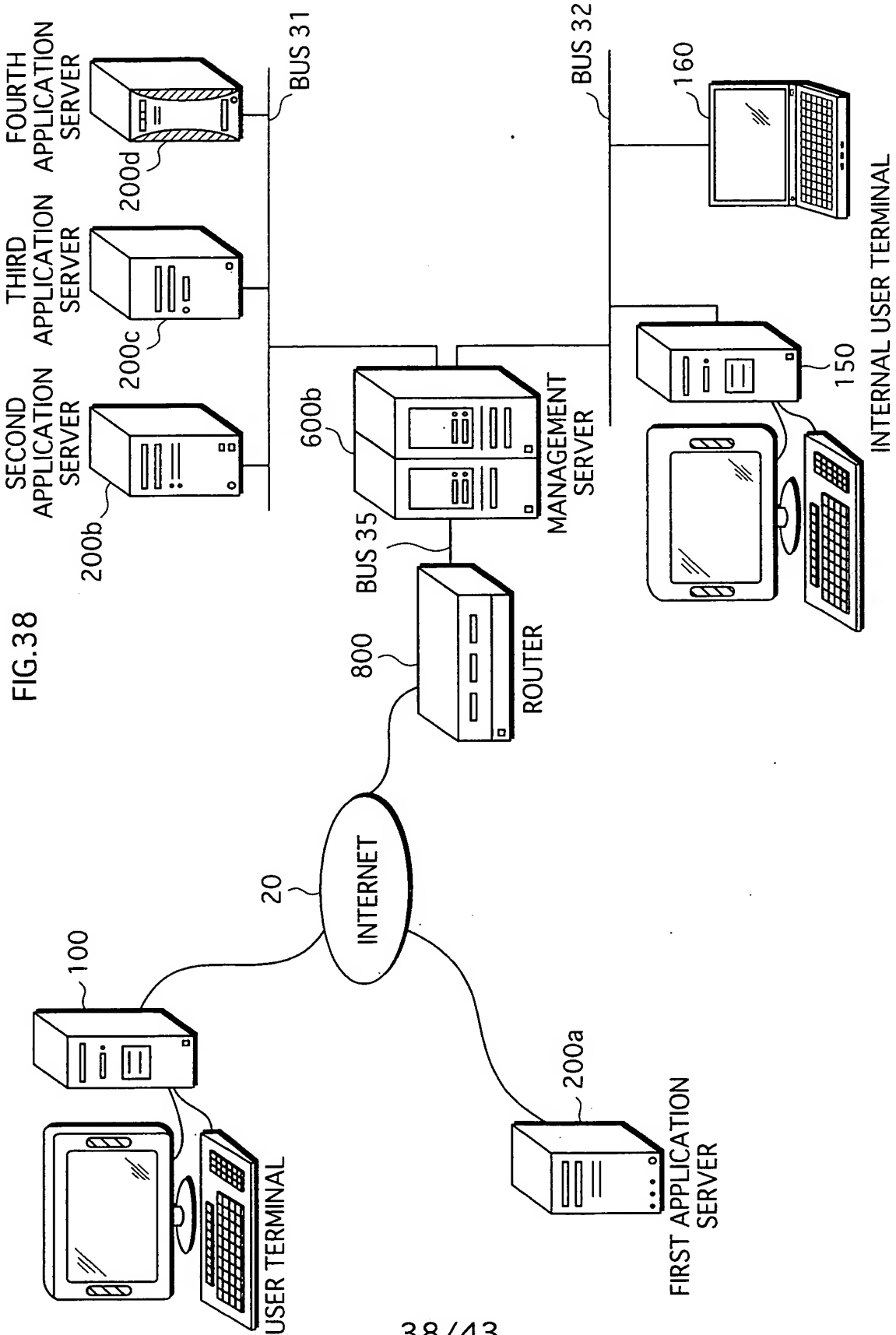


FIG.39

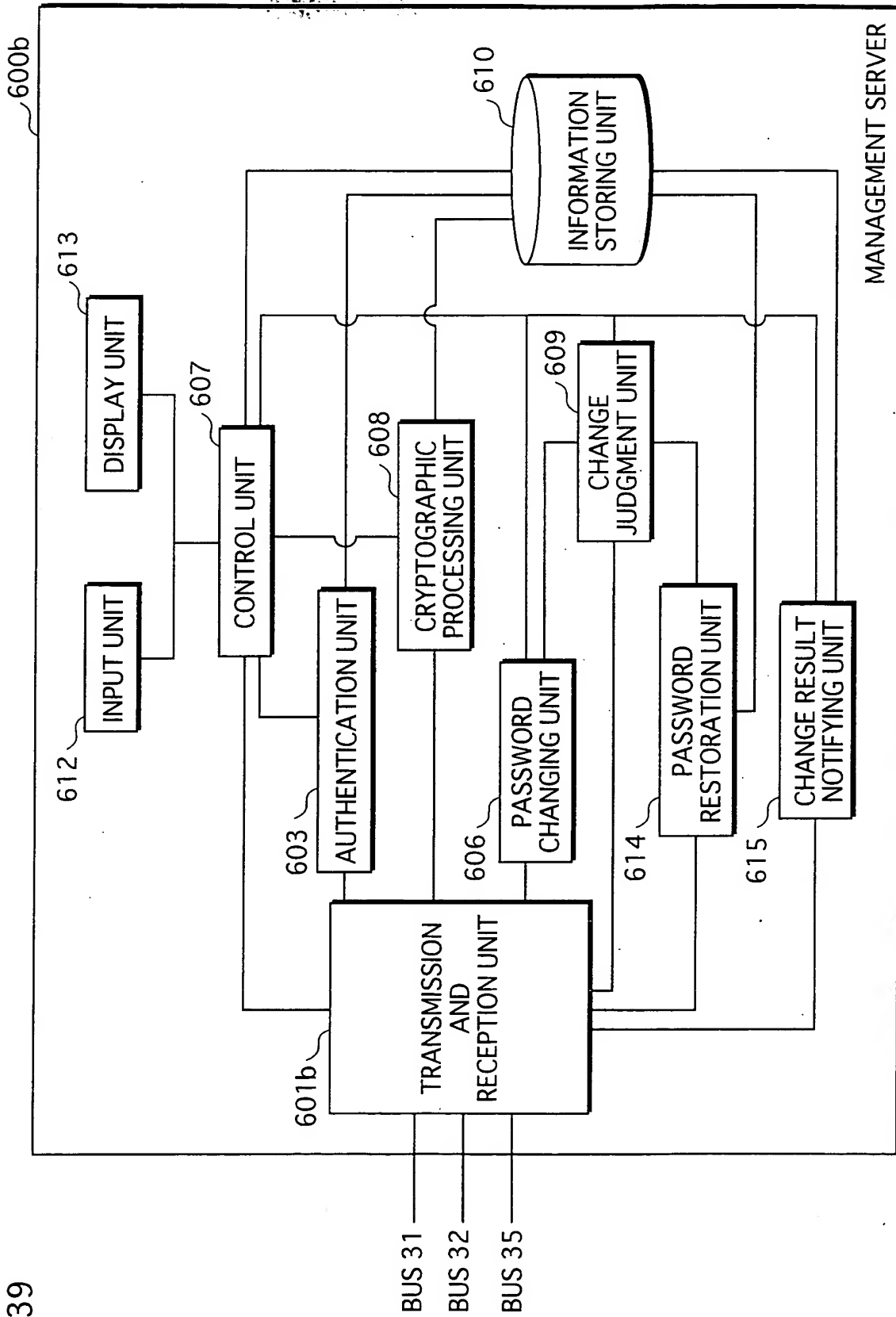


FIG. 40

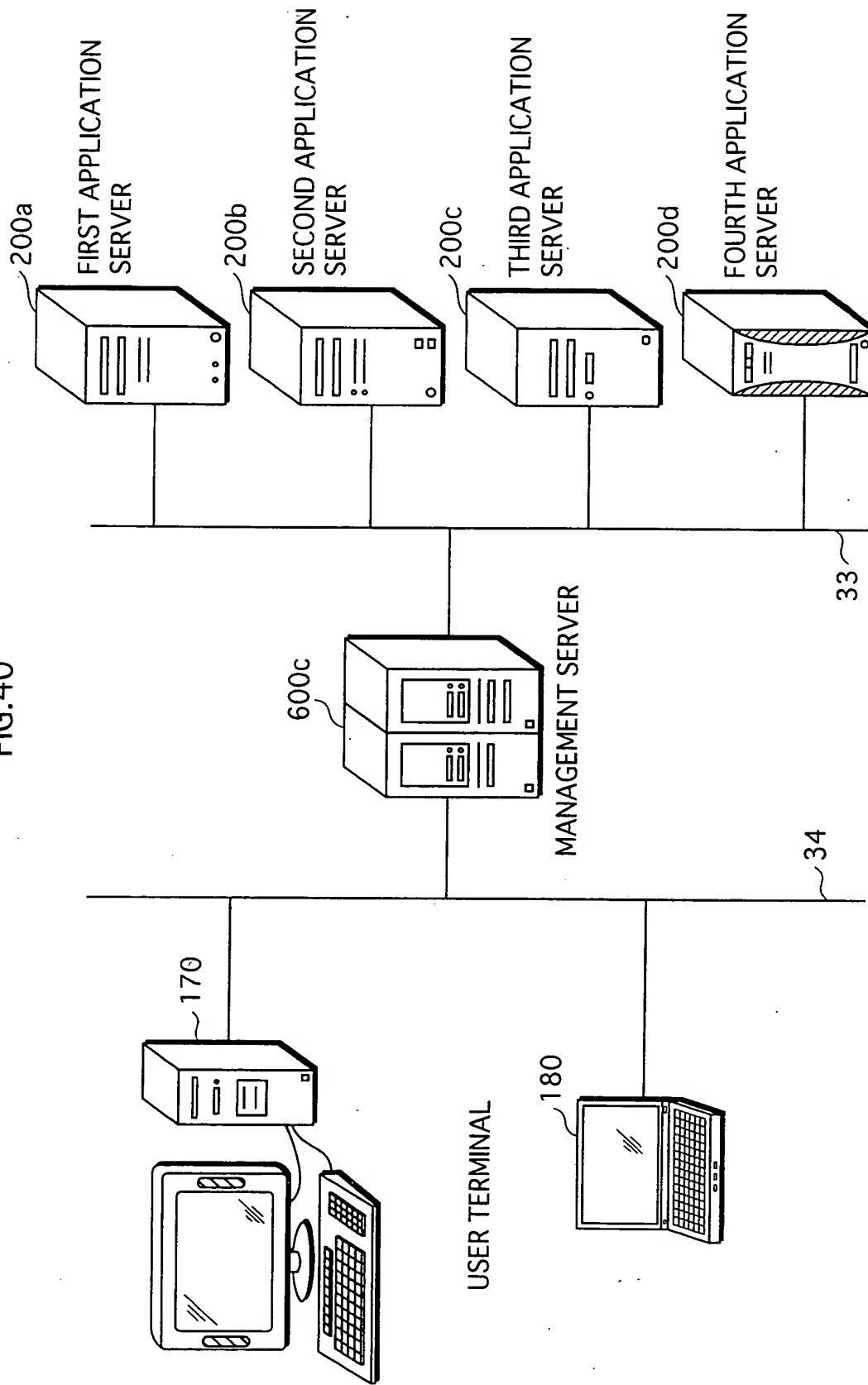


FIG. 41

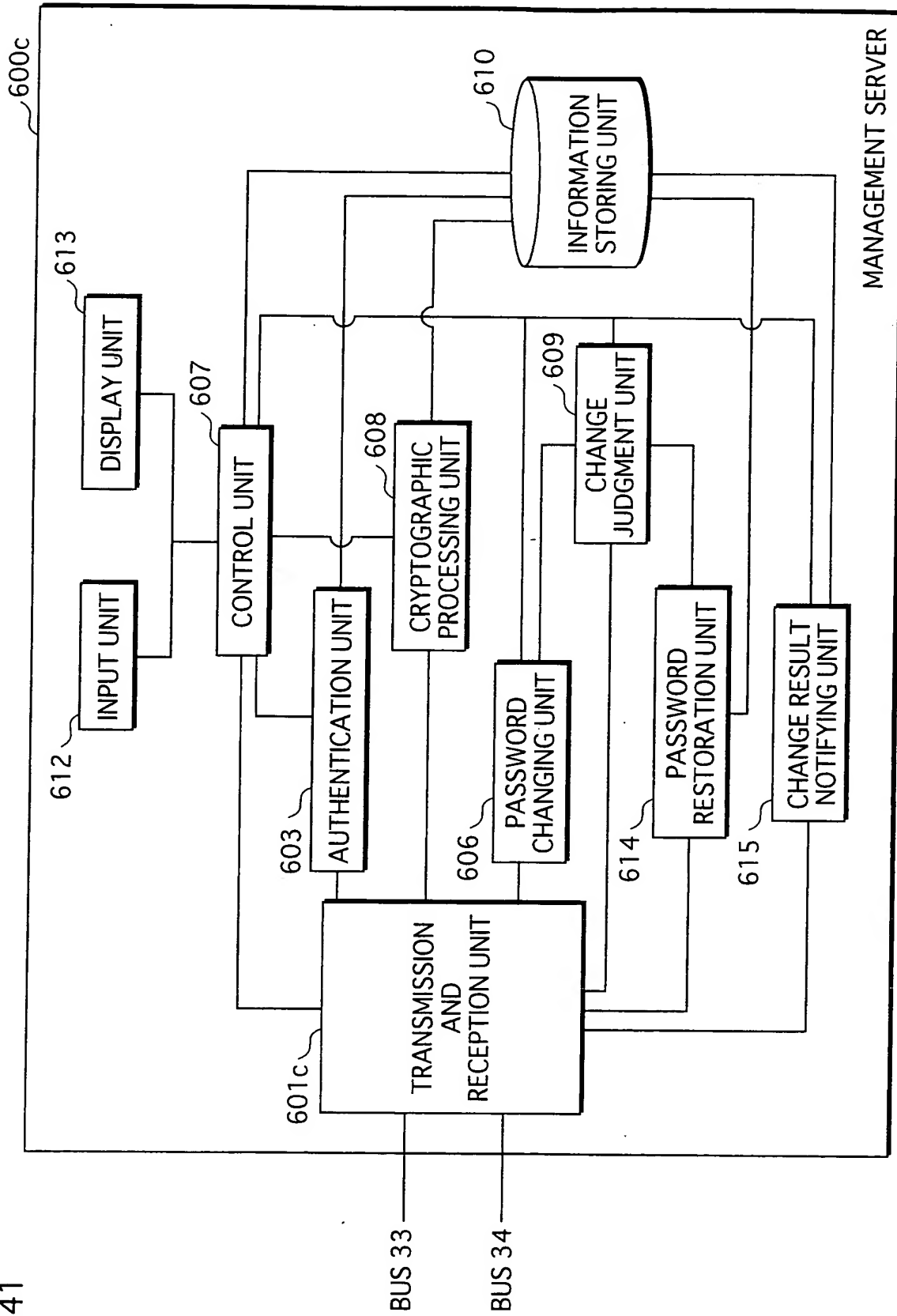


FIG.42

PASSWORD TABLE

621b

| USER ID | USER NAME | PASSWORD | UPDATE DATE |
|----------|-------------------|----------|-------------|
| maeda | HIROKO MAEDA | ozy12 | 2003.05.10 |
| nakamura | JYUNICHI NAKAMURA | klmoj | 2003.04.28 |
| suzuki | YUKA SUZUKI | spr01 | 2003.05.15 |
| . | . | . | . |
| . | . | . | . |
| . | . | . | . |

622b ~

623b ~

624b ~

FIG.43

ROUTING TABLE

641b

| APPLICATION NUMBER | HOST NAME | IP ADDRESS | PORT NUMBER | PROCESSING STATUS |
|-----------------------|-----------|-------------|-------------|----------------------|
| 001 | system1 | 60.111.1.15 | 8000 | NORMAL |
| 002 | system2 | 60.111.1.20 | 8001 | MAINTENANCE |
| • | • | • | • | • |
| • | • | • | • | • |
| • | • | • | • | • |

642b

643b

•
•
•